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ABSTRACT

More than 400 areas in Minnesota, useful as sites for environmental studies, are catalogued in this guide. They include state parks and waysides, state forests, state wildlife management areas, waterfowl production areas, national forests, nature centers and preserves, metropolitan, county and city parks, outdoor education school sites, school forests, private conservation farms and campgrounds, private camps, historic sites and monuments, university and college study areas, Boy Scout and Girl Scout camps and foundation sites. Introductory sections elaborate upon the wide range of possible study sites outside the classroom and enumerate factors which should be considered while teaching in natural areas. For a general overview of the state, four maps show the soil types, bedrock formations, general landforms, and forest vegetation. The major section of the guide compiles the areas in alphabetical order by counties. Each entry provides a short description of the area or site together with its official name, when it is open, size, type of area, location, and source to contact for additional information. A glossary of terms and index to all areas concludes the book. (BL)

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Bureau of Information & Education

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A Guide to . . .

Minnesota Environmental Education Areas

SE 015 648

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Minnesota Environmental Education Areas

— INCLUDING —

State Parks and Waysides, State Forests, State Wildlife Management Areas, Waterfowl Production Areas, National Forests, Nature Centers and Preserves, Metropolitan, County and City Parks, Outdoor Education School Sites, School Forests, Private Conservation Farms and Campgrounds, Private Camps, Historic Sites and Monuments, University and College Study Areas, Boy Scout and Girl Scout Camps and Foundation Sites.

Compiled by
Wes Fisher & Nancy Gruchow

Edited by
Charles Wechsler

The Minnesota
Department of Natural Resources
Bureau of Information & Education

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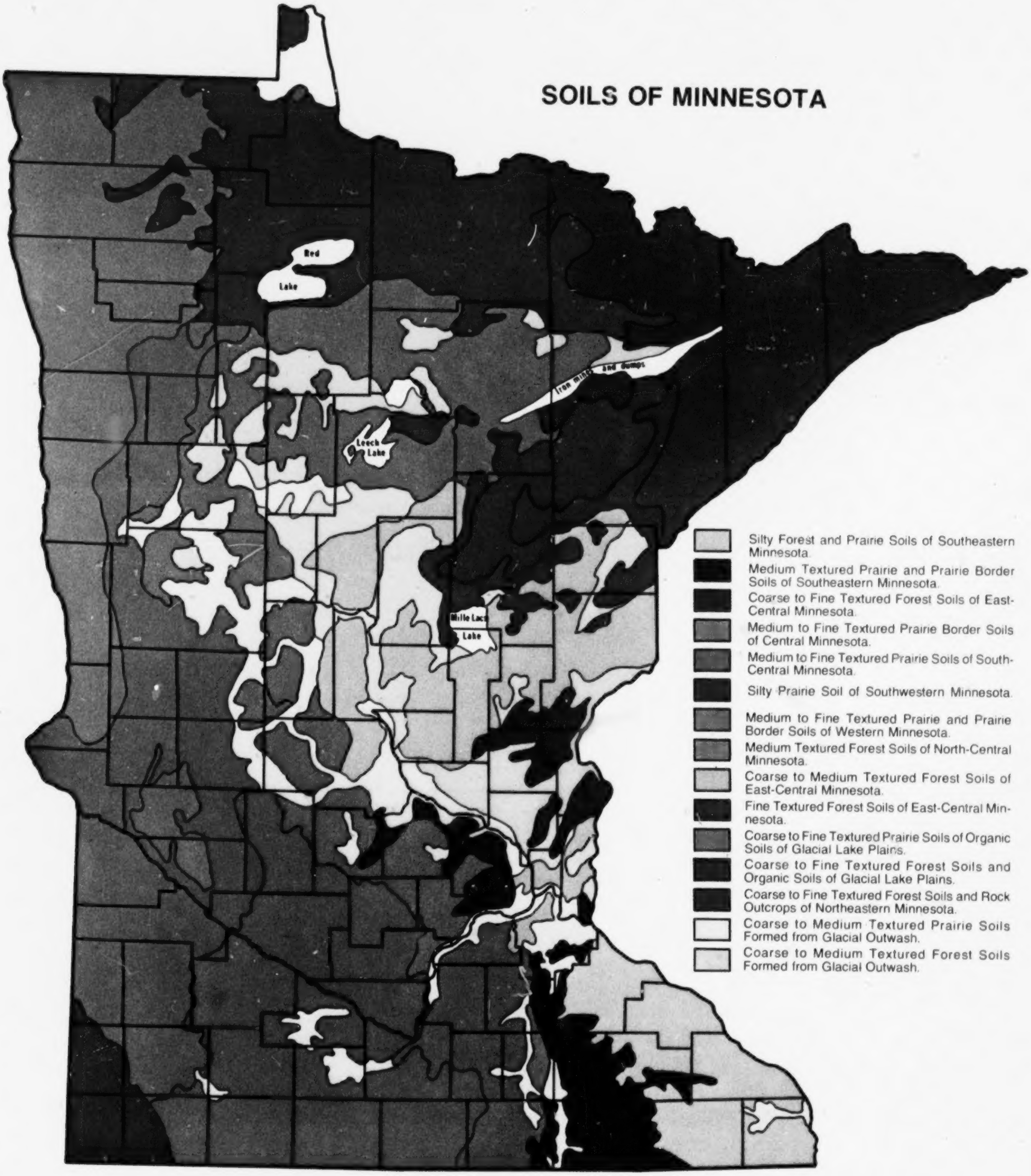
EXPLANATORY NOTE

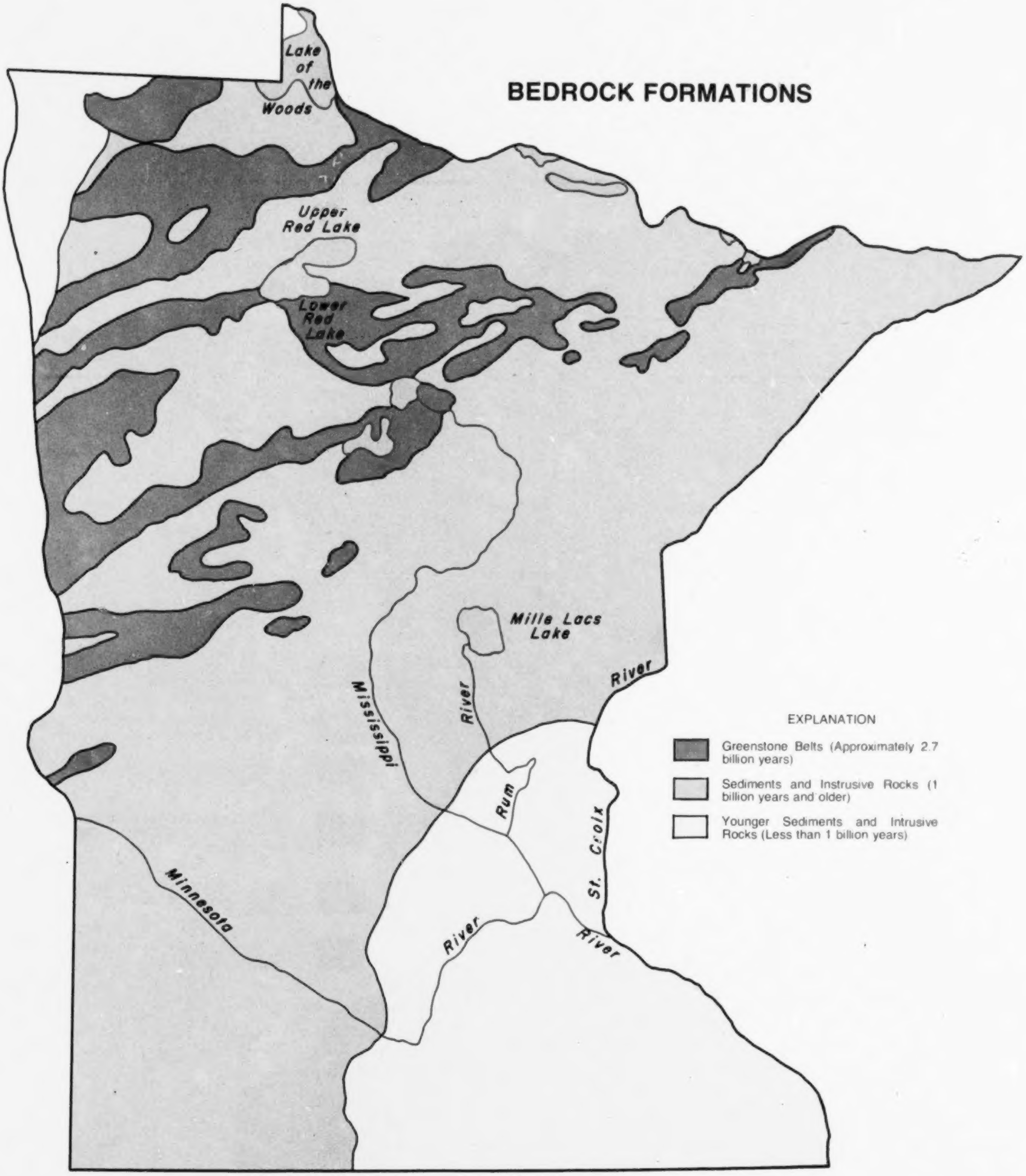
At the beginning of each entry there are several headings which indicate when the site is open, its size, ownership and exact location.

In some instances, a site encompasses more than one county. In such cases, all counties in which the site is located are listed in alphabetic order at the head of the entry. When trying to locate such a site, always look to the county that comes first alphabetically.

Because of their great number, State Wildlife Management Areas are listed only by name and nearest town in their respective counties. A few of the largest areas are listed separately, however. Persons wishing to use these sites are advised to contact the Division of Game and Fish, Department of Natural Resources, 390 Centennial Bldg., St. Paul, Minn. 55155.

SOILS OF MINNESOTA

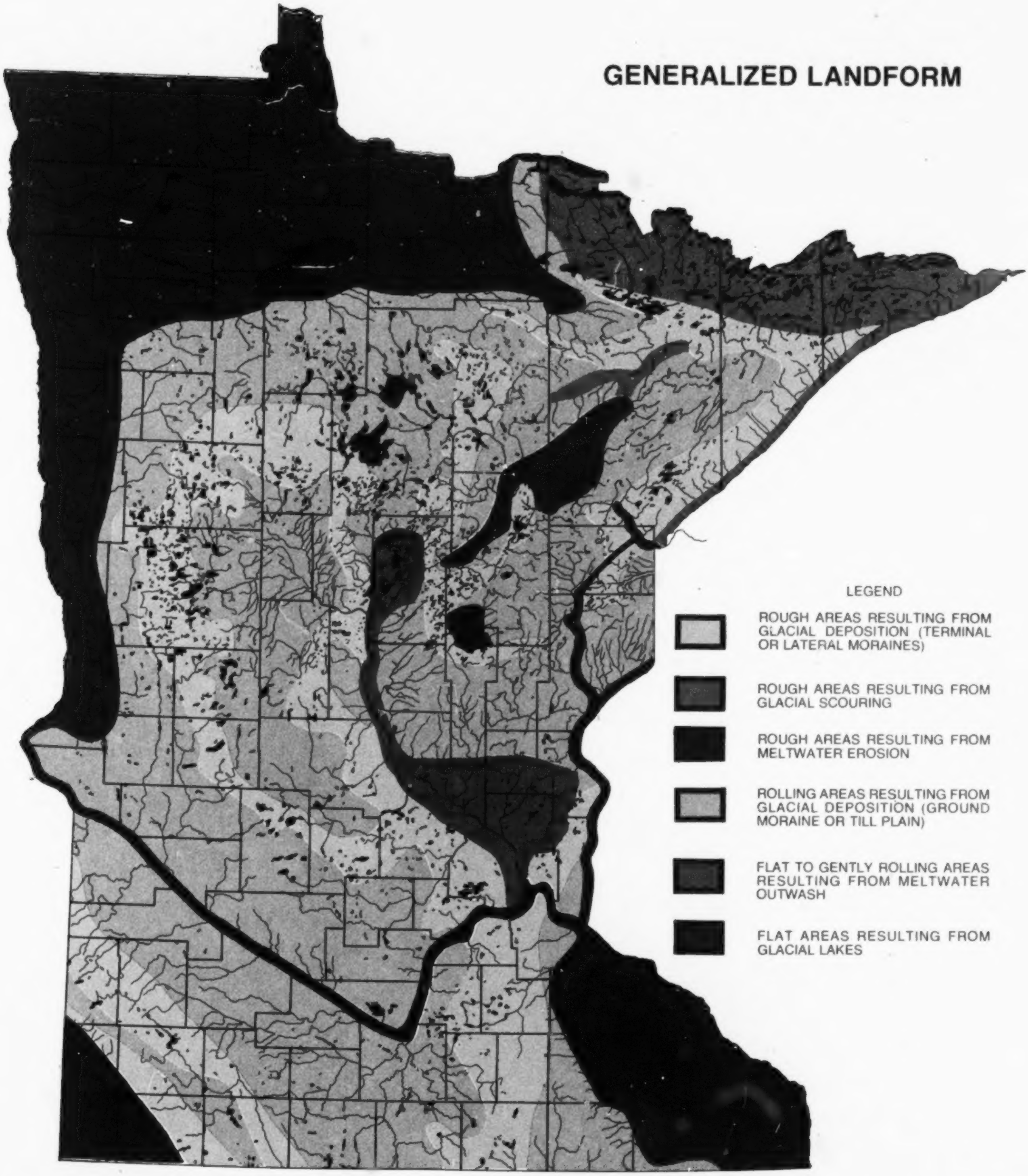

Red Lake
Leech Lake
Iron mines and dumps
Mille Lacs Lake
Silty Forest and Prairie Soils of Southeastern Minnesota.
Medium Textured Prairie and Prairie Border Soils of Southeastern Minnesota.
Coarse to Fine Textured Forest Soils of East-Central Minnesota.
Medium to Fine Textured Prairie Border Soils of Central Minnesota.
Medium to Fine Textured Prairie Soils of South-Central Minnesota.
Silty Prairie Soil of Southwestern Minnesota.
Medium to Fine Textured Prairie and Prairie Border Soils of Western Minnesota.
Medium Textured Forest Soils of North-Central Minnesota.
Coarse to Medium Textured Forest Soils of East-Central Minnesota.
Fine Textured Forest Soils of East-Central Minnesota.
Coarse to Fine Textured Prairie Soils of Organic Soils of Glacial Lake Plains.
Coarse to Fine Textured Forest Soils and Organic Soils of Glacial Lake Plains.
Coarse to Fine Textured Forest Soils and Rock Outcrops of Northeastern Minnesota.
Coarse to Medium Textured Prairie Soils Formed from Glacial Outwash.
Coarse to Medium Textured Forest Soils Formed from Glacial Outwash.



BEDROCK FORMATIONS

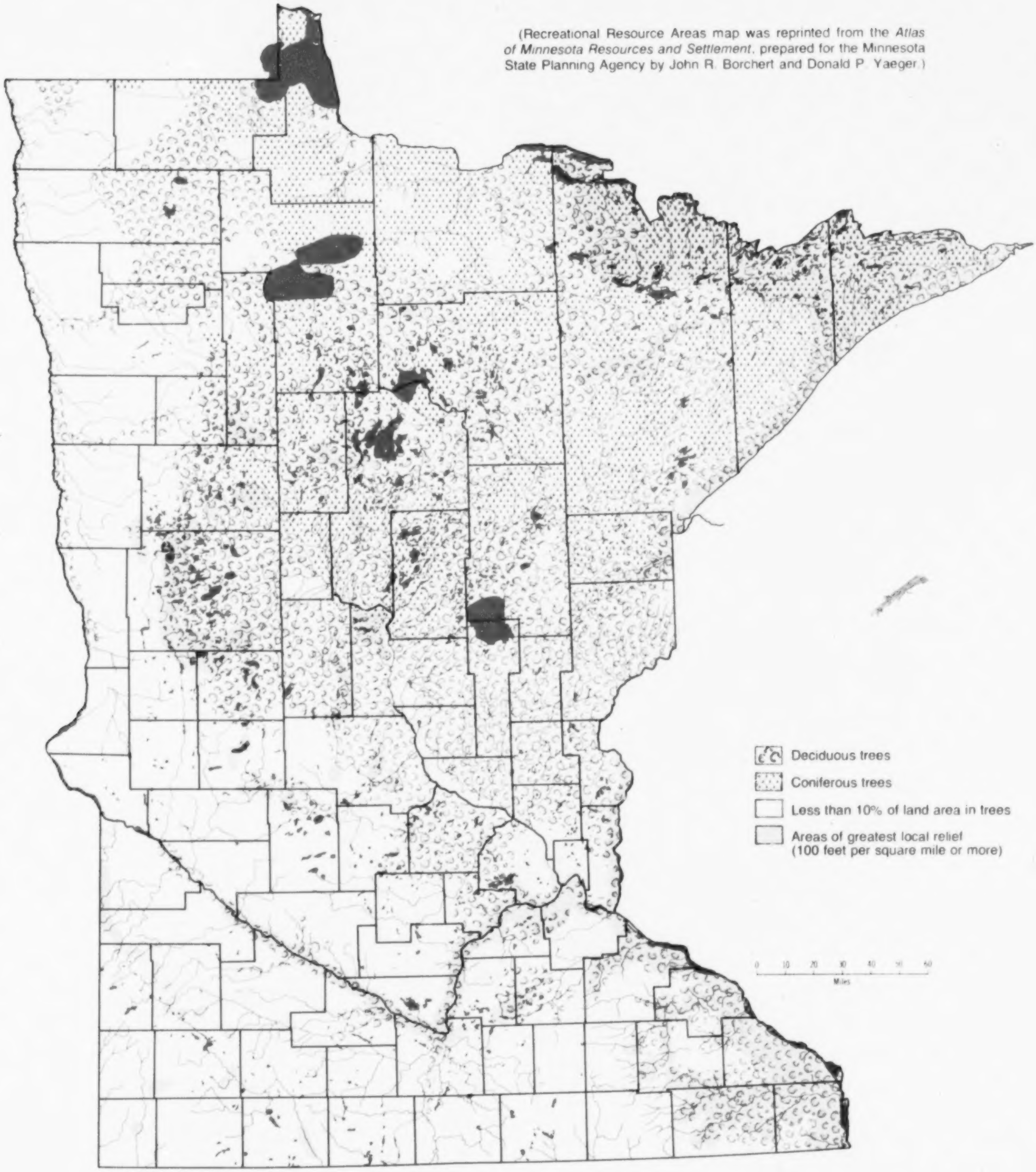
Lake of the Woods
Upper Red Lake
Lower Red Lake
Mille Lacs Lake
Mississippi
River
Rum
River
St. Croix
River
River
Minnesota
River
EXPLANATION
Greenstone Belts (Approximately 2.7 billion years)
Sediments and Instrusive Rocks (1 billion years and older)
Younger Sediments and Intrusive Rocks (Less than 1 billion years)

GENERALIZED LANDFORM


LEGEND
ROUGH AREAS RESULTING FROM GLACIAL DEPOSITION (TERMINAL OR LATERAL MORAINES)
ROUGH AREAS RESULTING FROM GLACIAL SCOURING
ROUGH AREAS RESULTING FROM MELTWATER EROSION
ROLLING AREAS RESULTING FROM GLACIAL DEPOSITION (GROUND MORAINE OR TILL PLAIN)
FLAT TO GENTLY ROLLING AREAS RESULTING FROM MELTWATER OUTWASH
FLAT AREAS RESULTING FROM GLACIAL LAKES

OUTSTANDING FEATURES OF MINNESOTA'S RECREATION RESOURCES

(Recreational Resource Areas map was reprinted from the *Atlas of Minnesota Resources and Settlement*, prepared for the Minnesota State Planning Agency by John R. Borchert and Donald P. Yaeger.)


Deciduous trees
Coniferous trees
Less than 10% of land area in trees
Areas of greatest local relief (100 feet per square mile or more)
0 10 20 30 40 50 60
Miles

Data from Borchert and Yaeger, 1968

FOREWORD

— RESPECT FOR NATURE —

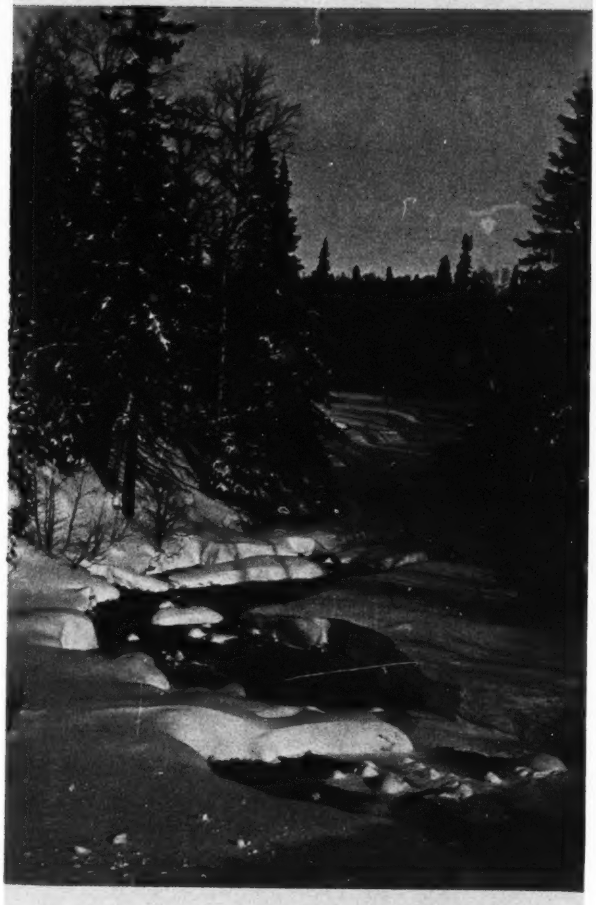
Teaching in Natural Areas

Dr. Donald B. Lawrence, Professor
Department of Botany
University of Minnesota

Several kinds of Environmental Education Areas are available for study. Some types such as old fields are inherently capable of withstanding heavy use and human traffic, and their organisms are common; others are exceedingly fragile and their organisms rare. Most *natural areas* are fragile, and mainly these are considered now.

The primary purpose of establishing natural areas is to *protect* them against further exploitation begun by the European peoples who were the ancestors of many of us. Many of them appreciated what they found. But everything seemed so inexhaustible — Surely there would always be some of it left. They had to make a living off the land. They grazed, mowed, seeded crop and pasture plants and incidentally introduced weeds from Europe; they logged, planted alien trees, drained, flooded, mined, excavated and filled. They hunted, trapped, fished, poisoned and polluted. They criss-crossed the land with roads which interrupted the movement of water and fires. We still do all these things, and others still more devastating to natural values. If those pioneer settlers could now return to the homesteads they established here a hundred years or so ago, especially in the great crescent of prairie grassland in the western and southern parts of Minnesota, and in the eastern metropolitan area, they would find little that seemed familiar. Only a few small tracts are nearly like what they would have remembered. The fewer they are, the more priceless they become and the more careful we must learn to be of them. There can never be any more than there are now. We still have a golden opportunity to preserve the few remaining areas and to handle them like museum pieces — to look but not touch, to take nothing but pictures, leave nothing but a few footprints, and be sure feet do not destroy native plants or introduce alien weeds and diseases.

Actually we must be much more careful of these beautiful



pieces of nature than we are of a museum collection because these collections are *alive* and so must not be disturbed lest they fail to reproduce themselves and disappear. If disturbance, as for example by fire, was a natural *process* of the environment before the advent of European immigrants, then carefully managed prescribed burning may have to be resorted to as in prairie preservation, and the regeneration of many forest types. In order to keep native communities functioning naturally we must understand the biology of the plants and animals and appreciate how each fits into the complex web of the living and non-living that we call the ecosystem. We are in a vital race against ignorance and carelessness. Europeans have worked intensively for a century to study their wild plants and animals, but only recently did they discover that they had not started soon enough to preserve natural areas. Now they are trying in old worn out pastures to *reconstruct* at immense cost and effort something like the natural communities that once were there. Their job is essentially that of gardeners; ours is learning to manage, to use wisely, and to save what we still have.

Here in Minnesota some of the most perfect examples of our relict natural areas are now held in the preserves of The Nature Conservancy, a private corporation, and in the least disturbed parts of our National Parks and Monuments, in our State Parks, in some small tracts of our National and State Forests specifically reserved as natural areas, and in some of our County Parks. The legal basis for a state-wide system of *Scientific and Natural Areas* has recently been established by the State Legislature but the system itself and the mechanisms for enforcing protective regulations on the individual tracts are still in the planning stage and have not been implemented. The rules and regulations that hold for State Parks will surely apply in all Scientific and Natural Areas, and other much more stringent regulations will be added in those areas dedicated for preservation of rare species, for research, and for teaching.

Thus, the inclusion of natural areas in a published Directory of Areas available for use in public education at this time is premature from the point of view of preserving natural values. Yet we realize that if we don't make these magnificent tracts available soon for limited, very careful use by educational groups of young people, responsibly supervised by trained naturalists, the current generation may never learn to love them enough to fight for their protection or to instill in their children the need to respect and preserve them for all time. Our purpose here is to point out what we must do, and must avoid doing, to preserve natural values.

Most teachers have been trained to teach solely in the classroom and it is unrealistic to expect them to know how to take care of an outdoor teaching facility. They should have received intensive training in this respect. Since this will not be attainable for most of them in the near future, this brief essay attempts to be a quick preliminary substitute.

If preservation were the sole objective, management might be relatively simple, but not as simple as one might imagine, because control of alien plants and animals can be exceedingly difficult. When teaching is introduced, management is still further complicated. Although preservation and teaching are in some ways inherently incompatible, with sufficient care natural values can be perpetuated.

Each class studying a natural area will have certain interests, focussing attention on a limited part of the whole system. Their activities might well be deleterious to features of special interest to others. It is impossible even merely to *observe* an organism closely without disturbing it and its surroundings to some extent. Therefore if any study is to be made some alteration of natural conditions must be anticipated.

Scientists and teachers have often been the most flagrant in their disregard for rules, tending to feel that a preserve was established for their use. For example, a teacher, who found some species lacking in a Minnesota prairie, scattered seeds from his native state to rectify what he considered to be "deficiencies" here. Each tract is a unit with its own peculiarities, and it is these very differences that help to constitute its unique value.

RECOMMENDED PROCEDURES

(1) The delicacy of any area is a matter of degree and an estimate of the amount of usage it can withstand has to be made in advance. It may be impossible to know just how much, but a guess can be made, hoping to be on the safe side. If the amount of use proves too great it must be curtailed. These are the considerations on which restrictive regulations are based.

(2) Distribution patterns of geographic races governed by direction and angle of slope, depth from soil surface down to water table, and proximity to other organisms provide some of the most interesting research problems and teaching demonstrations. These patterns must not be permanently altered. Stones, logs, leaf litter, bark, moss tufts, etc. are to be returned to their natural positions immediately following field observations, or not moved at all. Leaning dead trees are to be left standing until felled by natural causes. Students must be cautioned repeatedly that they are not to pull up whole plants. They keep forgetting that they can, if they try, get their eyes down close to even a small plant.

(3) It is recognized that hereditary factors of natural populations are precious biological materials. Types of study that would require introduction of organisms from outside the natural area must not be allowed. Some unintentional "contamination" may be unavoidable, but with knowledge of potential sources it can be kept to a minimum. Shoes, rough-surfaced clothing, and especially trouser cuffs are recognized

carriers of numerous seeds. For example, the common garden plantain introduced from Europe in early colonial times was called by Indians "The White Man's Footprints". The common lawn grass we now call "Kentucky Bluegrass" also was brought from Europe on the shoes of immigrants. Students must be warned not to carry the seed stalks of weedy plants around with them. One careless introduction of weed seeds may require over a half century of laborious hand weeding, for many can remain alive and dormant in the soil for several decades. Chemical herbicides must not be used. Pets are not allowed on natural areas because they introduce weeds, frighten wildlife, and their urine may kill plants.

(4) Observation of changes in developmental stage as the season progresses in spring can be a very rewarding experience, but this usually requires weekly visits to the same place and may leave a permanent mark on the landscape of a natural area if no special walkway leads there. Such studies on unused agricultural land are ideal for rather large classes because no permanent damage results from the heavy traffic. Farmers may be willing to rent an acre or donate it for a year as a tax deduction to provide outdoor teaching space where no convenient natural area is available. Weekly chartings of weed seedlings in tiny square plots no more than 8 inches on a side, marked with wooden medical applicators on old fields abandoned for different numbers of years since last cropping can hold student interest and provide insights to farmers' problems.

Although the accumulation of knowledge can be based on careful observation of intact plants and animals undisturbed in their natural homes, sometimes sampling is necessary of both organisms and environments. This can be accomplished without gradually destroying natural values. *But written permission to collect samples of any kind must always be received in advance.*

(5) The size of samples can be small and the number of samples few.

(6) Plants may be marked, measured, photographed without removal of parts. When removal of a portion is unavoidable, already dead parts should be taken, if possible. Attention can be specially directed toward seedlings for thousands of these die annually and a few removed are of little consequence. But regenerating organs should be left intact on adult plants and in the soil so that the part removed will be replaced in time. Flowers with the plant's whole complement of leaves attached to the stalk as in Trillium, lilies and many orchids should *never* be picked. Removal of living parts should alter plant form and function and landscape appearance as little as possible. Removal of plant parts should be done with new or sterile tools to avoid introducing disease. Repetition of destructive sampling should be avoided by making records available to others. For example, the age of a tree in a given year can be attached at the 5-foot height on a metal tag attached to a nail. More extensive records may be filed with the Bell Museum of Natural History.

(7) Animals may be live-trapped, marked, measured, photographed and set free, special care being taken to avoid injury or introducing disease.

(8) Environmental variables which need to be sampled repeatedly should be measured in a manner which does not disturb the ecosystem. For example, soil moisture can be measured by inserting for brief uniform times a dried piece of porous pottery such as pieces of flower pot of uniform size or dried wooden medical tongue-depressors, with weighings before and after exposure to the soil moisture. If soil must be removed it can be done in minute amounts and a labelled permanent marker left where it was taken. Temperatures of soil at several depths can be measured with ordinary lab thermometers, and probing for depth down to ice table with a simple welding rod can show the progress of soil thaw.

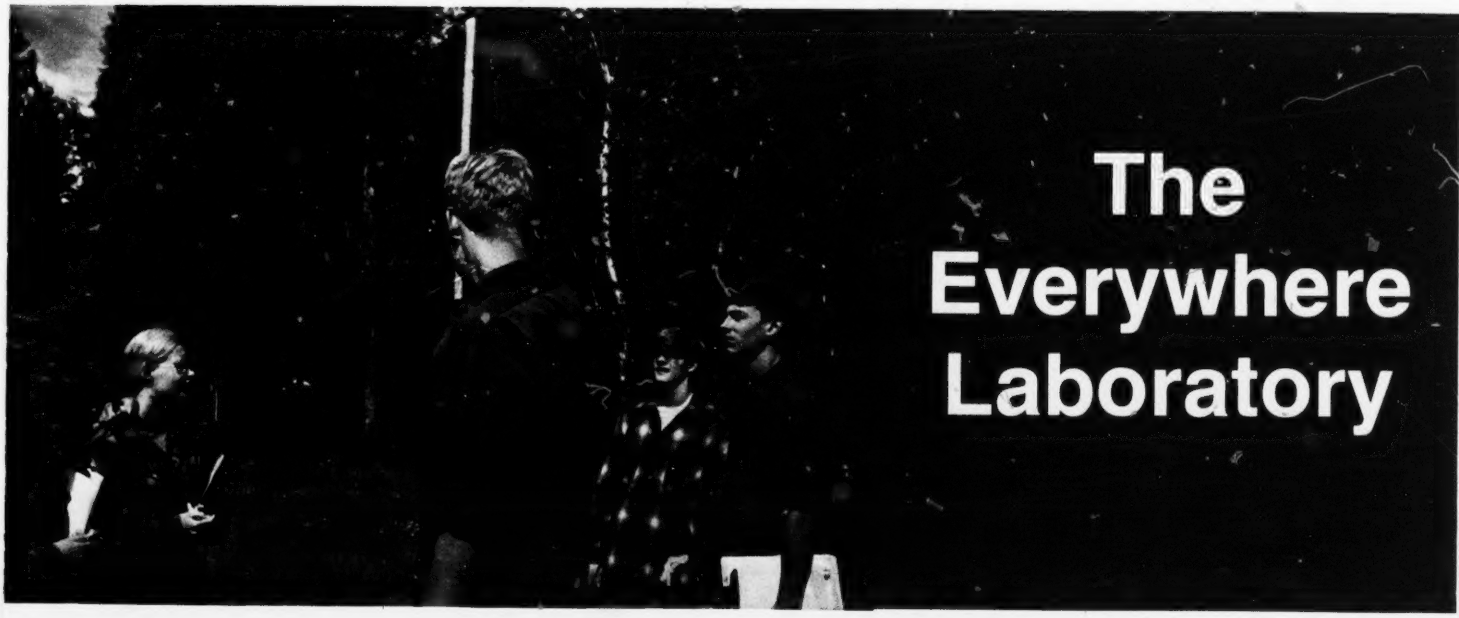
(9) Access must be carefully planned to avoid disturbance. If paths have been constructed they should be followed; if there are none each person should walk in a different place to avoid wear especially when soil is soft or thawing is in progress. Paths made by observers walking to and from sites of repeated visits tend to remain, for wild animals continue to use them after they have been abandoned by people. Repeated crossings of soft organic soils cause disturbance effects that can be seen in vegetation patterns for decades, and the sediments remain disturbed forever. Wooden walkways supported on buoyant cross-members provide a satisfactory solution. Old railroad ties from which most of the creosote has been leached, if laid end to end in winter when surfaces are frozen can be very cheap and serviceable and cause little disturbance. Parts of used cedar telephone and power poles not creosoted can be cut in 4 foot lengths to form excellent cross members. Upland pathways covered with wood chips withstand heavy traffic and keep down weeds and prevent erosion.

(10) No living plant or animal materials should be introduced from other areas, even if they are considered to be of the same species as those occurring naturally on the tract.

(11) Organisms, or even samples of soils of local origin which have been carried elsewhere, should not be returned to the natural area. They may have been contaminated with some disease or chemical or nuclear radiation not present in the natural area.

(12) In some areas and for some types of studies, zoning of the tract may be needed, with rotation of areas for particular kinds of uses just as domestic animals are rotated on pastures.

PREFACE



The Everywhere Laboratory

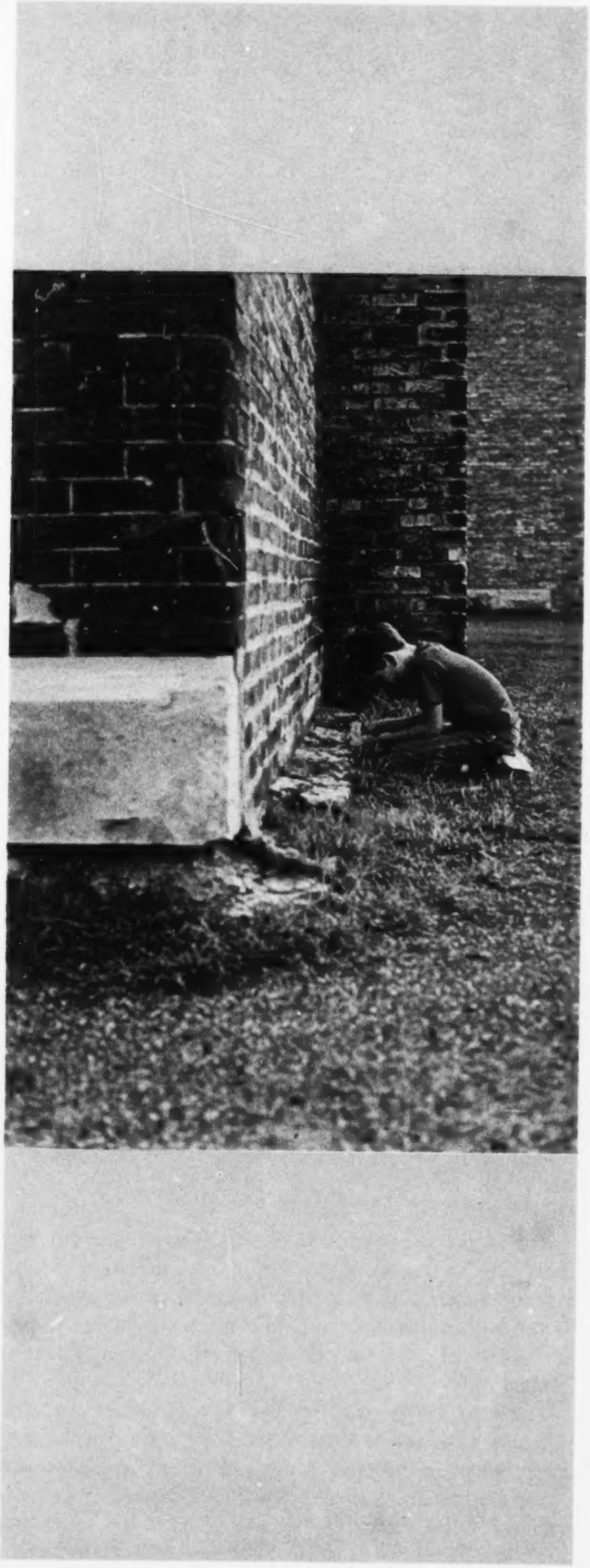
Robert E. Collins, Director
Environmental Science Center
Golden Valley, Minnesota

There have been many descriptions of the ways in which we have befouled the environment of which we are a part. Yet few persons have so eloquently summed up the situation as did the contemporary American painter, Robert Motherwell, when he testified before the Select Subcommittee on Education during hearings on the Environmental Education Act of 1970. Here is what Motherwell said:

> I suppose America began as a few people on a vast tract of land, so vast that one could be as greedy and as wasteful as one wanted, and there was still more. That time is gone. Now there are millions of people and millions more in the offing, and the vast land is a park filled with waste — rusting cars, bottles, garbage, enormous signs seducing you to buy what you don't want or need, housing projects that don't show a rudimentary sense of proportion in any shape or line or material — suburbs that are a parody of the barrenness of the Bronx and the gaudiness of Las Vegas.
>
> Indeed, if God had said to a group of men, "Here is a vast park of millions of square miles. Let's see how quickly you can cover it with everything that is an affront to the human spirit, and above all be certain that it is done on a scale of such extravagance and waste and lack of regard for the sensibilities of the inhabitants of the other parks in the world," then we might by definition call that group of men that God so addressed Americans.
>
> No wonder our Youth are up in arms!

The awakening of concern of the dangers to our environment goes far beyond protests against the pollution of land, air, and water. It is clear that the rapidly rising awareness of the environmental crisis in America today reflects a deepening sensitivity to the fundamental values of human life.

The need for the establishment of environmental education programs stems from the fact that the deteriorating environment is the most acute and pervasive problem of continued human existence. The establishment of environmental education programs is also allied to the conviction that a greatly increased public awareness and active partici-



pation is vital in bringing about significant changes in our systems of environmental management. The mainstreams of our general educational establishments provide the touchpoints of intervention in young citizen education. Our schools provide a logical setting for the development of increased understanding of environmental problems, the growth of attitudes of concern, and the means for focusing citizens' influence on change.

To accommodate the challenge before us, we obviously must understand and change some rather basic aspects of the school environment. Furthermore, education will have to be organized around the goal of teaching children how to be effective agents for change so that they, in turn, may participate in the processes which shape their communities and their lives. Environmental education, when viewed in these terms, becomes a fundamental part of the school experience.

Perhaps the most substantive change needed is the commonly held view that the best conditions for learning are created in the controlled and confined atmosphere of the classroom. For too long we have held the sanctity of the classroom inviolate, and by so doing have isolated, and to a certain extent alienated, youngsters and their teachers from their environment.

To begin to understand how the "world works," teachers, administrators, and parents must be convinced that the real world exists outside of the four walls of the classroom. This real world, in fact, becomes the 21st Classroom.

The outdoor environment provides an "everywhere" laboratory for investigating man's relationship to man and the reciprocal relationship between man, other life forms, and their physical surroundings. One does not need a unique climax community or a 10,000-acre watershed to examine this reciprocity. Students and teachers can become "environmentally sensitive" through continued exposure to, and examination of, natural or man-altered areas on or within walking distance of the school. Frequently, an area of the school ground itself can become a functional environmental study area with only a modest effort.

A woodpile habitat and a rock pile habitat can be installed by a group of students in a matter of hours. In most areas adequate land exists for tree and wildlife planting projects. Windbreak development, tree care, pruning, and selective thinning are but a few of the topics that can be explored.

An old rotted log provides a great place for several types of insects. Temperature and light studies can be performed on different types of substrates, e.g., sand, rock, prairie sod and grass.

A land management site can easily be installed in a school courtyard. The technique involves treating three adjacent strips differently. Burn one strip each year; plow or rototill one strip; and allow one strip to remain untouched. Soon different plants and insects will succeed on the sites and a virtual time machine will have been created. Close examination of the boundaries or ecotones should encourage micro-succession studies.

Water areas are sometimes scarce around schools. By creating a small depression and lining it with 6 mil. polyethylene, a mini-aquatic habitat can be created. The pond can now be filled and seeded with "genuine pond water" and soon an amazing variety of pond life will be available for examination. The effects of various pollutants can be tested on aquatic life in the pond by using rather simple, inexpensive equipment and materials.

Beyond the school ground lies even more elaborate and inviting study areas. Consider readily accessible sites such as roadside ditches, railroad tracks, drainage ditches, vacant lots and parks as prime locations for environmental investigations. The Environmental Science Center[1] has prepared a variety of instructional materials that can be of some assistance in developing learning experiences on such sites.

While investigations into the workings of the natural world are essential if man is to understand and live in harmony with his environment, it is also imperative that students be given the opportunity to examine environmental issues and problems that have socio-political implications.

The problem of litter and solid waste disposal has led several municipalities to consider the establishment of an ordinance regulating disposable beverage containers. Casual observations suggested that convenience packaging contributed substantially to the problem. As a means of gathering local data, a group of students and their teacher developed and conducted a roadside litter survey to determine the composition of the discarded material. After collecting all of the litter in a pre-described area, it was sorted by type and then the students did an analysis of each type by weight and by volume. Another group of students in a different school were, at the same time, conducting a disposable container opinion survey. A rather comprehensive survey instrument was developed by the students and through the process of personal interview was taken door-to-door in a selected portion of the city.

The results of both of these efforts were used as a central part of a presentation to a city council on behalf of the establishment of such an ordinance.

The Youth Action Board, a group of junior and senior high school students who are concerned with environmental matters, has researched and given testimony during local air quality hearings, and has appeared before the Metropolitan Sewer Board. They have also been involved in an examination of the impact of snowmobiles on the environment.

It is important to understand that environmental education must be more than a theoretical schoolhouse approach to environmental problems. If we are to put students in a position to make rational judgements regarding the consequences of their actions within their environment, it will not come "as if by magic" with a high school diploma; it comes as a result of a deliberate effort to provide students with useful and productive experiences in the "everywhere" laboratory.

MINNESOTA
ENVIRONMENTAL EDUCATION
AREAS

AITKIN COUNTY

HILL RIVER STATE FOREST

Open all year, daytime / 111,400 acres / state land

Location: Southeast of Hill City

Hill River State Forest includes the Moose River Game Management Area, perhaps the largest impoundment of waterfowl nesting area in the state. The terrain is flat with aspen, hardwoods, and pines, tree plantations and active timber sales. There is an abandoned bucket and tub manufacturing plant at Hill City and, within the forest, old railroad grades. Peat is mined in some of the boggier parts of the forest. Wildlife include deer, grouse, waterfowl, and fur bearers. There are several rivers and good trout lakes plus snowmobile trails; there are no campsites. About three-fourths of the area is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

KAMP KITCHI KAHNISS

Open summer, fall / 40 acres / private

Location: On the north shore of Lake Mille Lacs; take U.S. Hwy. 169 north from Minneapolis to Garrison, then Minn. Hwy. 18 northeast for 10 miles.

This camp, owned by the Minneapolis Optimist Club, is open to 56 fatherless boys aged 10 to 14. The campers have access to Mille Lacs Lake and to a wilderness island on Elm Island Lake; they explore Indian mounds, construct conservation projects, and engage in the usual camp activities and sports. Facilities include 7 cabins, hospital, recreation hall, craft building, dining hall, library, and laundry.

Contact: Big Brothers, Inc.
404 S. 8th St.
Minneapolis, Minn. 55404
(612) 333-6193

Classroom building at Long Lake Conservation Center. Campus has several structures which are winterized.

LONG LAKE CONSERVATION CENTER

Open all year / 680 acres / school site

Location: Twenty miles northeast of Aitkin; take U.S. Hwy. 210 to Fleming Road (County Road 5) and follow the signs.

The Center's acreage surrounds Long Lake and the Center itself is the only building on the lakeshore. The undisturbed setting includes marshlands, meadows, and upland and lowland forest types. The Center runs an education program every summer for 180 students aged 12 to 15 and a separate program for teachers. A naturalist resides at the center year round. Facilities include dormitory housing, dining hall, classrooms, a headquarters-library building, recreational areas and a waterfront. Several buildings are winterized. Reservations.

Contact: Robert M. Nixon, Director
Long Lake Conservation Center
Aitkin, Minn. 56431
(218) 768-3873

RICE LAKE NATIONAL WILDLIFE REFUGE

Open all year / 17,230 acres / federal land

Location: Five miles south of McGregor and two miles west of Minn. Hwy. 65.

Rice Lake National Wildlife Refuge is well known for wild rice production. It was a camping and hunting ground for Indians, and burial mounds and artifacts can be seen. The refuge lies in low bog country surrounding Rice Lake. Within the refuge, there is a great blue heron colony, as well as Canada geese and a sizeable breeding population of ducks. Ruffed grouse and white-tailed deer are common. Fishing is permitted.

The area is not open to camping, but visitors are welcome.

Contact: Rice Lake National Wildlife Refuge
Box 190
McGregor, Minn. 55760

SAVANNA PORTAGE STATE PARK

Open all year / 14,605 acres / state land

Location: Sixteen miles northeast of McGregor in the state forest.

Savanna Portage State Park's outstanding feature is the six mile portage between the Mississippi River and the St. Louis River, a trail across the Continental Divide, considered one of the most gruelling portages in the state. Indians used this route for centuries and, beginning about 1755, so did the French and English fur traders. Henry Schoolcraft, exploring for the source of the Mississippi, traveled this route.

The terrain is steep and hilly and covered with second and third growths of softwoods, hardwoods, and evergreens. The white pine forests were logged off about 1900.

Facilities include campsites, pioneer group camp, picnic grounds, and snowmobile trails; the portage trail is cleared for hiking.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

SAVANNA STATE FOREST

Open all year / 218,450 acres / state land

Location: From Hill City, take Minn. Hwy. 200 six miles east.

Savanna State Forest is located in "sugar maple" country. The acreage includes 26,750 acres of aspen, maple, basswood, and birch; 30,410 acres of black spruce, tamarack, and cedar; and the remainder in pines, balsam, white spruce, ash, and elm. The terrain is hilly, with the Mississippi on the west.

Savanna Portage, the famous rough, swampy, six-mile trail linking the West Savanna River of the Mississippi River system with the East Savanna which eventually empties into the Great Lakes, is included. Beginning with the 1750s the portage became an important part of the water highway for fur traders dealing with Minnesota Indians.

Visitors to Savanna Portage State Park (in the State Forest) can retrace this route of the voyageurs. The State Forest has primitive campsites and two snowmobile trails; there are additional trails, campgrounds, and picnic areas in the State Park.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

Prairie River mirrors a beautiful conifer forest at Savanna Portage State Park.

SOLANA STATE FOREST

Open all year, daytime / 68,176 acres / state land

Location: At Pliny.

Solana State Forest was named after a town which no longer exists. The soil is poor, a rocky clay, and there are many miles of drainage ditches. There is an interesting plantation of black spruce and tamarack in Paradise Bog and many other plantations within the forest; timber is sold here. There are several rivers and much wild rice. Wildlife include deer, waterfowl, fur bearers, fox, bears, and wolves. Students might be able to camp at the Porcupine Lake public access, but there are no regular campsites. Five-sixths of the forest is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

WEALTHWOOD PORTAGE TRAIL

Open all year to persons interested in history

Location: Approach from Mille Lacs shore or Minn. Hwy. 18, one-fourth mile east of County Road 51.

The Portage Trail, perhaps centuries old, was used by Indians going from Mille Lacs to the Ripple River — which was perhaps navigable at that time — leading north to connect with the Mississippi. There are some Indian mounds and a black settlers' cemetery. The area is extremely primitive and heavily wooded with aspen, oak, spruce, balsam, birch and cedar. A snowmobile trail is laid out in the area.

Contact: Wealthwood Rod and Gun Club
Chris Pederson
(218) 678-2651

WEALTHWOOD STATE FOREST

Open all year, daytime / 14,053 acres / state land

Location: On the north shore of Lake Mille Lacs near Wealthwood.

The terrain in this forest is flat, except for a ridge caused by ice on the north shore edge of Lake Mille Lacs. An impoundment for waterfowl has been proposed in the north part of the forest, but not yet constructed. There is a snowmobile trail. Four-sevenths of the forest is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

State Wildlife Management Areas

Unit Name	*Nearest Town*
Cedar Lake	Aitkin
Chase Meadow	Hill City
Farm Island	Aitkin
Grayling	McGregor
Kimberly	McGregor
Little Willow & Holm's	Waukenabo
Moose-Willow	Hill City
Newstrom	Kimberly
Pliny	Pliny
Pokegama	Jacobson
Ripple River	Bennettville
Salo	Tamarack
Sandy Lake Reservoir	McGregor
Swamp Lake	Malmo

ANOKA COUNTY

ALLISON SAVANNA

Open all year, daytime / 80 acres / private

Location: From Twin Cities, go north on Minn. Hwy. 65 to East Bethel, turn right on Cty. Rd. 24, then right on Cty. Rd. 26, go two miles.

The Allison Savanna is mostly *Quercus ellipsoidalis* savanna. There are no important geologic features and no streams. Most of the land is rolling, open oak savanna, with grasses and a few shrubs, plus some blackberry in the west; the soil is sandy and supports typical prairie plants. Common animals include pocket gophers, deer, fox, woodchucks, badgers, and ground squirrels.

Certain sections in the tract have been systematically burnt. Of special interest to students of ecological succession are the changes in the vegetation following this program of burning.

The fenced-in area is adjacent to the University's Cedar Creek Natural History Area; the resident manager and staff there are available for help. Public school and University students use the tract. The area is not open to camping, picnicking, or vehicular traffic, particularly snowmobiles.

Contact: Mrs. Morris Smithberg
Dept. of Horticultural Science
University of Minnesota
St. Paul, Minn. 55101
(612) 373-1358

ANOKA-RAMSEY STATE JUNIOR COLLEGE NATURAL AREA

Open all year, daytime / 27 acres / school site

Location: At intersection of County Road 1 and Mississippi Boulevard in west-central Coon Rapids.

This tract includes a nine-acre oak woods, disturbed by grazing a few decades ago but gradually recovering, a four-acre field farmed up until seven years ago, and a 14-acre field abandoned from agriculture about 20 to 30 years ago. Sumac, oak, wild plum, and grape are common to this latter field. Such plants as big bluestem, little bluestem, prairie smoke, and leadplant grow here. The site is used by biologists at the junior college to exhibit several prairie species of plants, and to illustrate the various stages in succession. Local teachers from elementary and secondary schools are welcome to use the area for field trips. The area is not open to camping or picnicking.

Contact: Science Division Office
Anoka-Ramsey Junior College
Coon Rapids, Minn. 55433
(612) 477-2600

ANOKA SCHOOL SITE

Open all year, daytime / 81 acres / school site

Location: At the north end of Minn. Hwy. 288 near the city limits of Anoka.

This site includes 29 acres next to the high school and 52 acres of state hospital land. A managed area has contour strips, an arboretum, an upland pond, and plots of grasses; a natural area includes a small forest, a stretch along the Rum River, a marsh, and a prairie. Because of the different ecosystems, the site is useful for many facets of ecological education.

The area is not open to camping or picnicking.

Contact: Mr. Bradley
Anoka High School
Anoka, Minn.
(612) 421-4620 (mornings)

BUNKER PRAIRIE

Open all year, daytime / 1800 acres / public

Location: Five miles east of Anoka on Minn. Hwy. 242.

Bunker Prairie is a large county-owned tract of sandy prairie. Part of it was once cultivated, but most has remained relatively natural. There are two tiny lakes on the property and stands of jack and Norway pine; but the principal feature is the erosion by winds of the sand dunes.

Scout and 4-H groups use the area for camping, and high school biology classes often use it as an outdoor lab. Facilities include picnic tables and grills, toilets, horse trails, shelters, ball field, and archery range.

Contact: Al Fisher
Soil Conservation Service
(612) 421-2503

CAMP LOCKESLEA

Open all year / 19 acres / scout camp

Location: 6900 East River Road, Fridley.

Camp Lockeslea, bordering the Mississippi River, has a rolling terrain ranging from lowland brush and marsh areas to high sandy ridges. The area has been pretty much preserved in its natural state, although it is surrounded on three sides by a residential neighborhood. It has many birds: the Audubon Society has used this site for a biennial bird count for more than 25 years. A small spring grows into a stream which runs through the property. Currently, Girl Scouts are building a dam with an island in it and a waterfowl island is being constructed in the woods. There are cooking, sleeping, and sanitary facilities to accommodate 36, and room for 60 daytime visitors. It may be rented to other groups when not in use.

Contact: Greater Minneapolis Girl Scout Council
200 Gorham Building
7th Street & 2nd Avenue North
Minneapolis, Minn. 55403
(612) 338-0721

LANDSCAPE CAREER CENTER

Open all year, daytime / 300 acres / school site

Location: One mile north of Hwy. 10 on 7th Ave. in Anoka on east bank of the Rum River.

Landscape Career Center is a five-classroom structure located near the new 2500-student Anoka Senior High School. The school site consists of rolling meadows, woodlands, upland marshes and of course the banks of the Rum River and its flood plains. A horticultural staff is present at all times at the site. Teacher workshops are offered periodically, high school classes in outdoor careers, vocational courses in landscape, golf course, parks and ground maintenance. Adult evening classes in all areas of study are open to anyone.

A unique feature is the Back Yard Arboretum, a seven-acre plot developed by the vocational students of the Center. Eventually it will feature plant materials and construction ideas usable for homeowners.

Contact: Landscape Career Center
3929-7th Ave.
Anoka, Minn. 55303
(612) 427-4920

Winding Rice Creek forms a natural corridor through woods at Locke Park in suburban Fridley.

LOCKE PARK

Open all year, daytime / 104 acres / public

Location: In Fridley, at 70th Ave. and University Ave. N.E.; entrances at 73rd Ave. and Able St., or 71st Ave. and University Ave. N.E.

Located within the metropolitan district, Locke Park includes several natural features ideal for environmental education. Rice Creek meanders through the southern portion of the park. Springs flow from the north banks over a layer of heavy till material. The soil is chiefly glacial sand and till. Much of the area is forested, chiefly with oak.

Facilities include three shelter buildings, one picnic shelter with toilets, 23 park stoves, four fireplaces, an archery range, and recreational equipment. The park is open during the daytime only. No camping.

Contact: City of Fridley
Parks and Recreation Dept.
6431 University Ave. N.E.
Fridley, Minn. 55432
(612) 560-3450

MARTIN LAKE

Open all year, daytime / 130 acres / public

Location: Eight miles northwest of Forest Lake.

Martin Lake is a good site to teach wildlife management, forestry management, and general ecology, because it includes several ecosystems. The Sunrise River and Tamarack Lake are in the county park, and it borders on Lake Martin. Conifers were planted here 25 years ago and there are natural stands of hardwoods, plus red and white pine, and upland tamarack. Deer, beaver, rabbits, aquatic life, bobcats, skunk, and fox abound.

The site is used by 4-H and scout groups for camping. Every year school children are brought out to the site and given a few days of outdoor education.

Facilities include picnic tables and grills, drinking water, toilets, and a ball field.

Contact: Al Fisher
Soil Conservation Service
(612) 421-2503

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bethel	Bethel

ANOKA COUNTY
CHISAGO COUNTY

CARLOS AVERY WILDLIFE MANAGEMENT AREA

Open all year / 22,750 acres / public

Location: Interstate #35 between Wyoming and Stacy bisects the area.

This state-owned area is 18 miles long and varies in width from one to four miles. The tract runs in a northeast-southwest direction which covers two watersheds. The western portion is flat and poorly drained; the eastern part is hilly and has much better drainage. Much of the west area consists of shallow, peat-filled areas supporting dense stands of sedge and cattail, bordered by upland sand ridges with oak, aspen, birch, maple, brush, and grasses. The higher eastern area has oak, elm, and aspen, plus Norway, white, and jack pine.

The Carlos Avery project includes two sanctuaries, a large public hunting ground, a game farm, tree nursery, and research station. Because most of the area is marshy, the emphasis is placed on the production and hunting of waterfowl — mallards, blue-winged teal, ringnecks, and wood ducks. Other animals include deer, pheasant, mink, beaver, skunk, ruffed grouse, squirrel, and raccoon.

The area is widely used by hunters, fishermen, bird watchers, picnickers, scouts, photographers, students, and church groups. Tours can be arranged. Strict regulations are in effect at all wildlife management areas regarding camping, vehicular traffic, firearms, all-terrain vehicles and campfires. Consult the resident manager for information.

Contact: Resident Manager
Carlos Avery WMA
Wyoming, Minn. 55092

Pair of Canada Geese take some youngsters for a swim at Carlos Avery Wildlife Management Area.

ANOKA COUNTY
ISANTI COUNTY

CEDAR CREEK NATURAL HISTORY AREA

Open all year, daytime / 5,400 acres / private

Location: Go north from Anoka on Minn. Hwy. 65 to County Road 24, then turn right on 24 and you're there.

The Natural History Area is a living museum and scientific study area established by the University of Minnesota and the Minnesota Academy of Science. Educators, researchers, and students observe the nature and rate of succession from farm land to forest, savanna, or prairie, and how the gradual transformation of the land affects the wildlife. Visitors must be issued a permit in advance, and the area is strictly limited to scientific studies. No camping.

Contact: Dr. David Parmelee
302 J. F. Bell Museum
University of Minnesota
Minneapolis, Minn. 55455
(612) 373-1292

BECKER COUNTY

BECKER NATURE TRAIL

Open all year, daytime / 20 acres / public

Location: Go two miles east of Detroit Lakes on Minn. Hwy. 34, then one-eighth mile south on township road; site is on west side of road.

The Nature Trail, located in the Struss Waterfowl Production Area, has been planned and designed for studying plants and animals. The area has marshy spots and two types of soil, Nebish and Shooks; plus a wide variety of vegetation — black ash, Canada Thistle, ironwood, paperbirch, aspen, raspberry, sugar maple, wild rose, and wild vetch, among others. The Trail is used by classes from the Detroit Lakes school system and by scout groups. Plants are marked and a brochure is given to visitors. No camping or picnicking permitted.

Contact: Wayne A. Ruona
Soil Conservation Service
Detroit Lakes, Minn. 56501
(218) 847-8437

BLACK PASS

Open all year, daytime / 42 acres / private

Location: South ten and one-half miles off U.S. Hwy. 10 from Lake Park on County Road 5 to Lake Ida, then west and northwest two and one-half miles on County Road 4 and north one-half mile. Located on the south shore of Upper Cormorant Lake.

Black Pass, a tract belonging to the Minnesota Chapter of The Nature Conservancy, lies between Upper Cormorant and Middle Cormorant Lakes. Most of the one-mile long shoreline is swampy, providing an excellent shelter and feeding area for migrating birds. The area was heavily grazed and logged in the past, but the natural characteristics of a maple-basswood forest are now slowly returning. Black Pass is at or near the extreme western limit of the maple-basswood forest type of plant associations. Small groups of students or conservation-minded persons are welcome to visit. There is no camping. The Nature Conservancy requires visitors to avoid any activity that will destroy or alter the natural state of the tract; specific regulations are available from its office.

Contact: Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

CAMP WABAUNAQUAT FOR SCOUTS

Summer only / 440 / Scout camp

Location: 18 miles north of Detroit Lakes on U.S. Hwy. 59 and 10 miles east of Ogema on White Earth Lake.

This heavily-wooded camp includes about one mile of shore line of White Earth Lake. Since part of the camp is on an Indian reservation, it is rich in Indian lore and tradition. Boy Scout troops participate in conservation projects and hikes, a nature program, and environmental improvement programs which may be visited by the public during summer. One facility is available for winter camping; groups may reserve it or the other cabins (capacity: 150) upon approval of the executive board.

Contact: Lake Agassiz Council
Boy Scouts of America
Box 606
Grand Forks, N.D.
(701) 775-3189

EBELTOFT AND FISCHER'S FARM

Open all year / 1069 acres / private

Location: About one and one-half miles southeast of Frazee on County Road 30; Section 36, T 138, R 40.

This privately-owned farm has a variety of lakes and streams, several of which are connected by a navigable waterway draining into the Ottertail River, plus large and small forest areas with a wide variety of trees. Crop and livestock operation is on a limited scale; the owner prefers to establish wildlife habitats instead. Pheasants are pen raised and released; wood duck nests and other nesting areas are provided. A Canadian goose flock is to be established. The area is open to wilderness camping by reservation only.

Contact: Ebeltoft and Fischer
Frazee, Minn. 56544
(218) 334-2742

FRAZEE HIGH SCHOOL FOREST

Open all year, daytime / 160 acres / school site

Location: NE¼ of Section 12, R 40, T 138.

This tract is in the process of development. The Soil Conservation Service has made a soil profile and conservation plan for the area. Two nature trails have been laid out and one has been cleared. The area is used by forestry and conservation classes in the high school. No camping.

Contact: Ken Shroyer
Lakes Voc. Center
Vergas, Minn. 56587

HUBBEL POND WILDLIFE MANAGEMENT AREA

Open all year, daytime / 2,040 acres / state land

Location: Eleven miles northeast of Detroit Lakes and ten miles north of Frazee.

Hubbel Pond Wildlife Management Area is located between Cotton Lake, Tamarac Lake, and Height of Land Lake. Otter Tail River flows through the area and has been dammed to control the depth of the pond. Most of the area is marshy with many potholes; there is some cropland which provides food for ruffed grouse and deer. Chiefly, though, waterfowl live here.

Group tours can be arranged. Strict regulations are in effect at all wildlife management areas regarding camping, vehicular traffic, firearms, hunting, campfires, and so forth; consult the resident manager.

Contact: Morris Paterson
Resident Manager
Hubbel Pond WMA
Rochert, Minn. 56578
(218) 847-4938

MANY POINT SCOUT RESERVATION

Open all year / 2200 acres / scout camp

Location: Forty miles northeast of Detroit Lakes.

Fifty overnight camping sites, with toilet and water facilities, are strung out along the east shore of Many Point Lake. The ground is swampy in parts, with gravelly soil and a second growth forest of birch, aspen, popple, spruce and pine. The site is adjacent to a federal wildlife refuge and many beaver, deer, bear, and smaller animals are seen. Other groups, including researchers and school groups, are welcome to use the reservation, except during summer when the scouts are camping there.

Contact: Director of Camping
Viking Council, Boy Scouts
314 Clifton Avenue
Minneapolis, Minn. 55403
(612) 333-4274

SMOKEY HILLS STATE FOREST

Open all year, daytime / 25,239 acres / state land

Location: West of Osage on Minn. Hwy. 34.

The terrain of this forest is very hilly, with many small lakes and potholes, and cover of aspen hardwoods and pine. There are many tree plantations and logging sales. Water has been impounded for ducks, and it is good country for deer and grouse. There is a system of trails winding through the forest. Nearest camping area is Hungry Game Campground. Half of the forest is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

TAMARAC NATIONAL WILDLIFE REFUGE

Open all year, daytime / 43,200 acres / federal land

Location: About 18 miles northeast of Detroit Lakes.

Tamarac National Wildlife Refuge contains a series of natural lakes, some of which have regulated water levels, and the biggest of which are Tamarac and Flat Lakes. Many of the lakes produce wild rice. The area is forested and populated with deer and small mammals.

Fishing, hunting, and sightseeing opportunities are bountiful. No camping.

Contact: Tamarac National Wildlife Refuge
Rural Route
Rochert, Minn. 56578

TWO INLETS STATE FOREST

Open all year, daytime / 26,779 acres / state land

Location: At Two Inlets.

This forest has many small lakes and potholes and rough terrain. The sandy soil is forested with jack pine and aspen. Indian Creek and Straight Creek have been impounded for waterfowl habitat. Half the area is state-owned. The forest has a primitive campground and picnic area.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 23,000 acres / federal land

Location: Headquarters at Tamarac Wildlife Refuge.

From the office at Tamarac Refuge, 180 Federal Wetland units, ranging in size from 24 acres to 1360 acres, are administered in Becker, Clay, Mahnomen and Polk Counties. All units have typical prairie pothole terrain — marshy, low-lying wetlands bordered by upland areas with grassy vegetation. The units are managed so as to produce and protect waterfowl.

None have sites specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school children, are invited to contact the headquarters office to arrange visits; guides can be provided, but cannot serve as teachers.

No camping or picnicking. Most sites open to hunting.

Contact: Tamarac National Wildlife Refuge
Rural Route
Rochert, Minn. 56578
(218) 847-4355

State Wildlife Management Areas

Unit Name	*Nearest Town*
Atlanta	Hitterdal
Audubon	Detroit Lakes
Callaway	Detroit Lakes
Coburn	Ogema
Cuba	Detroit Lakes
Frank	Detroit Lakes
Linbom	Ponsford
Lunde	Lake Park
Melbye	Hitterdal
Ogema Springs	Ogema
Olson	Ogema
Pednor	Lake Park
Pickerel	Detroit Lakes
Spring Creek	Ogema
Teiken-Dalve	Ogema
White Earth	Ogema

BECKER COUNTY
CLEARWATER COUNTY
HUBBARD COUNTY

ITASCA STATE PARK

Open all year / 29,240 acres / public

Location: Twenty-eight miles north of Park Rapids.

Itasca State Park is the region where the Mississippi River originates. Discovered in 1832 by Henry Schoolcraft, who was leading a federal expedition, it was probably populated earlier by fur traders and by Indians. In 1888 and 1889, J. V. Brower, a dedicated Minnesota scientist, made the first accurate and thorough survey of the region. Brower and others acquired the land, regenerated its wildness, and fought the logging companies for control of the park; "The Itasca Story," by John Dobie, documents this 63-year long battle.

The park contains many lakes, ponds, and streams; hiking trails and snowmobile trails; a children's group campground, pioneer group camp, public campsites, and the University's Forestry and Biological Station. There are daily nature interpretation activities. Also, fishing, swimming and boat rentals. *(See sketch on Itasca Wilderness Sanctuary under Clearwater County.)*

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

BECKER COUNTY
CLEARWATER COUNTY
MAHNOMEN COUNTY

WHITE EARTH STATE FOREST

Open all year / 133,340 acres / public

Location: From Park Rapids, take U.S. Hwy. 71 north to Minn. Hwy. 113; go west 15 miles.

White Earth State Forest has rolling, fertile terrain, forested with hardwoods and conifers; an additional 7,000 acres are in brush and marsh. The west half of the forest is in the White Earth Indian Reservation which takes its name from the exceptionally white sands of a lake.

Included in the forest are more than 300 lakes for fishing and boating. There is considerable trapping in the area, plus duck and deer hunting. There is a primitive campground and 71 miles of snowmobile trails.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

Wadena High School students, wearing homemade snowshoes, break trail at Itasca State Park.

BELTRAMI COUNTY

BLACKDUCK FFA SCHOOL FOREST

Open all year, daytime / 80 acres / school site

Location: W½ NW¼ of Section 4, T 148N, R 30E.

Most of this school forest is planted in red pine, with about 10 acres in aspen. The area has light sandy soils on gently rolling hills and some swamp areas with peat. Everton Creek runs through the tract. A beaver pond can be seen from the nature trail; other wildlife are abundant. The high school offers classes in forestry, ecology, wildlife, water, and soil management, using the forest as a teaching aid. The area is not open for camping.

Contact: Blackduck Public Schools
Vo-Ag Dept.
(218) 835-4214

BUENA VISTA STATE FOREST

Open all year, daytime / 104,073 acres / state land

Location: From Turtle River, take Cty. Rd. 23 north few miles.

The Buena Vista State Forest has many good hiking trails which wind through the forest, allowing visitors to view the fish rearing ponds, a white spruce seed orchard, and many tree plantations. Wild life include deer, grouse, and beaver; there is an upland game habitat project. The soils are chiefly clay, except for sandy areas in the southeast part of the tract; the cover type is primarily aspen with scattered pines. Within the forest is the Bemidji State College Forest. About one-fifth of the land is state-owned.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

CAMP CASSAWAY

Open warm months / 43 acres / scout camp

Location: From Cass Lake take U.S. Hwy. 2 east about five

Campus at Camp Cassaway where 160 Girl Scouts learn environmental education each summer.

and one-half miles to the Blackduck-Pennington Road; go north three and one-half miles to sign on left side of road.

Camp Cassaway is located in the Chippewa National Forest on Cass Lake and Schram Lake, among rolling, wooded land. It is a few miles from Knutson Dam on the Mississippi River. Old Indian and logging trails, hidden streams and lakes with wild rice are within the camp. An environmental educator plans programs for the 160 Girl Scouts who camp here during the summer. There are cooking, sleeping, and sanitary facilities which may be rented by other groups when scouts are not in residence.

Contact Greater Minneapolis Girl Scout Council
200 Gorham Building
7th Street & 2nd Avenue North
Minneapolis, Minn. 55403
(612) 338-0721

LAKE BEMIDJI STATE PARK

Open all year / 405 acres / public

Location: Five miles northeast of Bemidji.

Lake Bemidji State Park features virgin pine forest and heavily timbered lakeshore. The land was acquired to reserve right-of-way privileges for the public on Lake Bemidji.

Facilities include campgrounds, pioneer group camp, picnic areas, swimming beach, fishing, boat rental, and foot trails and ski trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

RED LAKE STATE FOREST

Open all year, daytime / 66,055 acres / state land

Location: On the east shore of Upper Red Lake.

Red Lake State Forest borders on the Indian Reservation of that name, and includes wild rice leases and many tree plantations. The terrain is flat, with mostly sandy soils; the cover is primarily aspen with some pine and cedar in the lowlands. Deer, grouse, wolves, and furbearers are plentiful. There are no lakes within this forest. About nine-tenths of the forest is state-owned.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

BELTRAMI COUNTY
CASS COUNTY
ITASCA COUNTY

CHIPPEWA NATIONAL FOREST

Open all year / 640,000 acres / federal land

Location: From Bemidji, take U.S. Hwy. 371 east for 14 miles to Forest Boundary.

Within the Forest, which includes Leech Lake Indian Reservation, are 570 lakes, including Leech Lake, Cass Lake, and Lake Winnibigoshish; plus the infant Mississippi River and the Steamboat, Boy, Leech Lake, Turtle, Pigeon, Bear, and other rivers. On the sandy soils grow white, Norway, and jack pines. Heavier soils support white pine, aspen, birch, basswood, and oak; swamplands nourish black spruce, tamarack, and northern white cedar. The Forest is a major nesting place of the bald eagle and also shelters such animals as bear, moose, bobcat, otter, muskrat, and gopher. There are many wild flowers and wild fruits.

Facilities include campgrounds, picnic areas, swimming beaches, boating sites, fishing spots, historical sites, and scenic view lookouts. There are nature trails and, during the summer, evening programs and guided nature walks. Within the Forest is the Bald Eagle Camp, operated by Bemidji State College; this is used for environmental education and also for a Youth Conservation Corps program.

Schools wishing to conduct field trips are invited to ask the supervisor's office for assistance.

Contact: Forest Supervisor
Chippewa National Forest
Cass Lake, Minn. 56633

BELTRAMI COUNTY
CLEARWATER COUNTY
HUBBARD COUNTY

MISSISSIPPI HEADWATERS STATE FOREST

Open all year / 44,890 acres / state land

Location: Six miles southwest of Bemidji on County Rd. 7.

The Mississippi Headwaters State Forest is laid out to follow the winding course of the River, which is suitable for canoeing at this point. Much of the area is covered with Norway pine, jack pine, aspen, oak, and other hardwoods. The forest's rivers and small lakes are bordered by swamps of conifers and marsh grasses. Deer, grouse, waterfowl and small game abound. There are four primitive campgrounds along the canoe route; plus there is a picnic area, a hiking and snowmobiling trail, and a horseback riding trail.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

BELTRAMI COUNTY
ITASCA COUNTY

BLACKDUCK STATE FOREST

Open all year / 123, 116 acres / state land

Location: From Blackduck, go south on Cty. Rd. 39 few miles.

Blackduck State Forest contains the Morph Meadows Game Management Area. Within the forest are deer, grouse, wolves, fur bearers, and small mammals. The terrain is rolling with several bogs, the cover is primarily pine with some aspen, spruce, balsam, and birch.

About one-third of the area is state-owned, and part of it is an Indian Reservation.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

BELTRAMI COUNTY
LAKE OF THE WOODS COUNTY
ROSEAU COUNTY

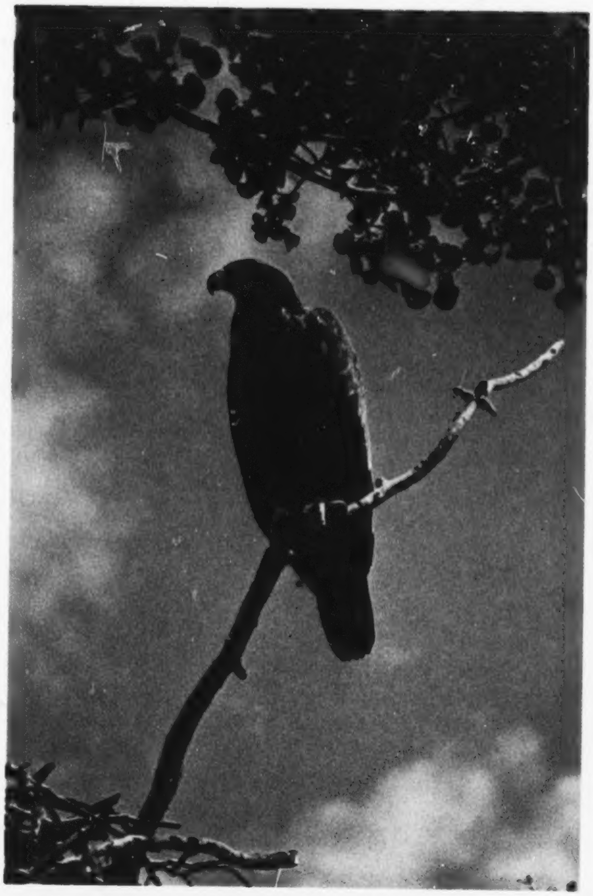
BELTRAMI ISLAND STATE FOREST

Open all year / 669,030 acres / state land

Location: From Warroad, take County Rd. 5 south for 12 miles.

Beltrami Island State Forest was at one time largely covered by glacial Lake Agassiz. It is crossed by low sandy ridges in a northeast-southwest direction, marking successive shore lines of the ancient lake. The ridges are generally covered by pine and hardwoods now and surrounded by large areas of low flatlands and peat bogs, called "islands" by early explorers. The forest gets its name from the Italian nobleman, Count Giacomo Constantine Beltrami, who visited the area in 1823. A land boom in the early 1900s attracted many farmers; they left, since the land is not suited to agriculture, but several of their log cabins remain. Wildlife includes deer, moose, beaver, nesting birds, and the state's only elk herd. There are three primitive campgrounds, a snowmobile trail system, several fire towers, and a ranger station.

Contact: Regional Forester
Box 825
Bemidji, Minn, 56601



Young Bald Eagle surveys sprawling Chippewa National Forest from a lofty perch.

RED LAKE WILDLIFE MANAGEMENT AREA

Open all year, daytime / 488,509 acres / state land

Location: South of Warroad and Baudette and north of the Red Lakes.

Most of the Red Lake Wildlife Management Area is called the "Big Bog," because it is largely composed of marshy areas with thick peat bogs. The area, composed of a portion of glacial Lake Agassiz, was once partially drained, but the soil proved to be of submarginal quality and the attempt was given up. About half the area is covered by aspenbrush types of vegetation; and the remainder is divided into pine-hardwoods and into coniferous swamps. Wildlife include moose, bear, elk, ruffed grouse, sharptailed grouse, mink, beaver, muskrat, otter, deer, waterfowl, and fox.

Within the boundaries of the area are several camps and cabins that can be used by scouts, school children, and groups. Group tours can be arranged. Strict regulations are in effect at all wildlife management areas regarding camping, vehicular traffic, firearms, hunting, campfires, and so forth; consult the resident manager.

Contact: Phil Watt
Resident Manager
Red Lake WMA
Roosevelt, Minn. 56673

State Wildlife Management Areas

Unit Name	*Nearest Town*
Beltrami R.C. No. 1	Grygla
Beltrami R.C. No. 2	Grygla
Carmelee	Grygla
Long Lake	Bemidji
Morph Meadows	Pennington
Northwood	Grygla
Shooks	Kelliher
Shotley	Shotley

BENTON COUNTY

BENTON BEACH

Open all year / 10 acres / public

Location: North end of Little Rock Lake, two and one-half miles east of Rice.

This county park is basically a swimming beach, picnic and camping area. Facilities include a concession stand, restrooms, three shelters and fireplaces. The tract includes a few shade trees; a 40 acre tree plantation is nearby. Overnight camping is permitted.

Contact: John Casey, Resident Caretaker
R. 1
Rice, Minn. 56367
(612) 393-2420

TWO PLANTATIONS

Open all year / 120 acres total / state land

Location: From St. Cloud go north on U.S. Hwy. 10 to Rice. The larger plantation is two miles north of Rice on County Rd. 21; the smaller site is two and one-half miles east on County Road 2 from Rice.

These two sites were planted, ten to twenty years ago, with a variety of coniferous trees and are a good example of man-made forests established in poor agricultural soil. There are some sand dunes and blow outs on the plantations; a nature trail is planned. The University of Minnesota has planted scotch pine on ten acres of the land. The plantations can be used for field trips and for forestry projects by local schools and organizations under the direction of the Division of Lands and Forestry. The area is not open to camping.

Contact: Walter Johnson, District Forester
Division of Lands and Forestry
107 SE 1st Ave.
Little Falls, Minn. 56345
(612) 632-8233

State Wildlife Management Areas*

Unit Name	*Nearest Town*
Benlacs	Foley
Bibles	Foley
Sartell	Rice
Wisneski	Rice

BIG STONE COUNTY

BIG STONE LAKE STATE PARK

Open all year / 930 acres / state land

Location: The park is composed of three separate areas on the shores of Big Stone Lake; the areas are five, 15, and 17 miles northwest of Ortonville.

This tripartite park offers much-needed water recreational facilities to an area of the state with very few lakes. The park is one of the most important archaeological sites in the state, since it contains a prehistoric record of man in Minnesota. A visitor's center has been constructed within the park to explain this record to visitors.

Facilities include a primitive campground, pioneer group camp, picnic sites, swimming beaches, boat rentals, and nature, saddle, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 7933 acres / federal land

Location: Headquarters at Ortonville.

From the office at Ortonville, 58 Federal Wetland units are managed in Big Stone County. All of the units have terrain typical of the prairie pothole country — marsh, wetlands, some upland areas, and prairie-type vegetation. The units range in size from 12 to 640 acres. They are managed so as to produce and protect waterfowl.

None have sites specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school groups, are advised to contact the headquarters to arrange visits; guides can be provided.

No camping or picnicking. Some units open to hunting.

Contact: Charles W. Gibbons, manager
Big Stone National Wildlife Refuge
Ortonville, Minn.
(612) 839-3700

State Wildlife Management Areas

Unit Name	*Nearest Town*
Allen	Graceville
Dismal Swamp	Clinton
Klages	Ortonville
Lindquist	Ortonville
Mallard Hole	Beardsley
Otrey	Odessa
Prairie	Ortonville
Reisdorph	Ortonville
Skoog	Graceville
Taffe	Graceville
Thompson	Odessa
Victory	Ortonville

BIG STONE COUNTY
CHIPPEWA COUNTY
LAC QUI PARLE COUNTY
SWIFT COUNTY

LAC QUI PARLE WILDLIFE MANAGEMENT AREA

Open all year, daytime / 26,649 acres / state land

Location: On the western end of the Minnesota River near the towns of Appleton, Correll, and Milan.

This Wildlife Management Area is about 30 miles long and one and one-half miles wide and includes the Minnesota River, Marsh Lake, and Lac qui Parle Lake. The two lakes were created by dams constructed for flood control. Most of the acreage consists of water and marsh with a narrow perimeter of upland. A game refuge of about 9,000 acres has been established. The area is being managed with the primary aim of attracting, feeding, and holding geese. Although the emphasis is on geese, the area provides excellent duck, pheasant, and deer hunting, plus good fishing for walleyes, crappies, and northern pike.

Groups wishing to tour the area are advised to contact the resident manager. Strict regulations are in effect at all wildlife management areas regarding camping, vehicular traffic, firearms, hunting, campfires, and so forth.

Contact: Arlin Anderson
Resident Manager
Lac qui Parle WMA
Watson, Minn. 56295

BLUE EARTH COUNTY

MINNEOPA STATE PARK

Open all year / 865 acres / state land

Location: Six miles west of Mankato.

Minneopa is a Sioux word meaning "water falling twice" and, just as the name suggests, Minneopa Creek falls twice within the park. The upper falls drops 30 feet and appears similar to Minnehaha Falls. Below the falls the creek flows through a glen, the walls rising up 100 feet above the stream, with hillsides covered by deciduous timber. The French explorer LeSueur was probably the first white man to discover Minneopa Falls in about 1725.

Minneopa is also the location of the Seppman Mill, a stone grist mill used to grind flour. The mill was constructed in 1864 by Louis Seppman with the help of his neighbor, Herman Hegley. Seppman patterned the mill after Dutch windmills and constructed it from local stone and local hardwoods. Nearly every piece, including the construction machinery and the cog wheel which turned the grist stone, was hand made. The mill, which was in operation until 1890, is now being rebuilt to its original state.

The park has picnic grounds, modern campground, a fishing stream, and foot trails, plus a pioneer group camp for scouts.

Winter cloaks Minneopa State Park in a gown of white.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

STONY POINT BIBLE CAMP

Summer only / 5 acres / church camp

Location: One and one-half miles northeast of the village of Lake Crystal at T 107 R 28; go three miles south on Minn. Hwy. 60 from the junction of Minn. Hwys. 60 and U.S. 169, then one and one-half miles east to Loon Lake.

Loon Lake, on which the camp is located, is a rather shallow ice block lake. Its shores are lined with reeds, willows, and other trees, providing a habitat for ducks, cranes, gulls, doves, and pheasants. The Blue Earth and Minnesota Rivers are within easy hiking distance for canoe trips. The channel of the Minnesota River at that point allows observation of terracing deposits and cross cuts of the underlying strata. The camp may be rented by church or civic groups (capacity: 130) when it is not in use as a Bible camp.

Contact: Evangelical Covenant Church
354 Carol Court
Highway 14 W
Mankato, Minn. 56001
(507) 345-3461

State Wildlife Management Areas

Unit Name	*Nearest Town*
Born Lake	Eagle Lake
Gage	Mankato
Hobza	Pemberton
Lost Marsh	Minnesota Lake
Pick	Minnesota Lake
Stokman	Minnesota Lake

BROWN COUNTY

FLANDRAU STATE PARK

Open all year / 835 acres / state land

Location: On the south side of New Ulm.

Flandrau State Park was named after Charles Flandrau, the first jurist to hold a term of court in Brown County. The park stretches along the Cottonwood River valley with high bluffs rising from the valley floor. A large artificial lake has been created by impounding water.

The park is located in a densely populated agricultural region not otherwise served by recreational areas. Facilities include campgrounds, pioneer group camp, picnic sites, a children's group camp, fishing stream, hiking trails, and snowmobile and saddle trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

SPLIT ROCK CREEK STATE PARK *

Open all year / 225 acres / state land

Location: One mile south of Ihlen.

Split Rock park has an artificial lake of about 100 acres in extent, created by damming the Split Rock Creek. Seedlings, typical of the type that would thrive in this area, were planted around the lake and now provide shade for picnickers. The creek gets its name from the pink Sioux quartzite rock which flank its banks and which has been broken and fractured by ages of weathering.

The park was established to provide a recreational outlet in this part of Minnesota. Facilities include a primitive campground, pioneer group camp, picnic areas, a swimming beach, fishing spot, a saddle trail and snowmobile and foot trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bashaw	Comfrey
Boesch	New Ulm
Emerson	Madelia
Mulligan	St. James
Somsen	New Ulm
Wood Lake	Comfrey

CARLTON COUNTY

BEAR LAKE COUNTY PARK

Open all year / public

Location: On the northwest shore of Bear Lake in the Village of Barnum; access at the Barnum exit on I-35.

Bear Lake County Park is in the planning-and-acquisition stage now. When completed, it will cover a large area of rolling hills and two small lakes, and will include a swimming beach, bathhouse, picnic site, camping ground, snowmobile trails, and ski slope.

Visitors should write the office below to learn if the park has been developed sufficiently to permit camping or picnicking.

Contact: Carlton County Park Commission
Carlton, Minn. 55718

CHUB LAKE COUNTY PARK

Open all year, daytime / 22 acres / public

Location: On the northeast corner of Chub Lake; take County Rd. 3 south from Carlton for one and one-half miles, turn right on East Chub Lake Road and go one and one-half miles, turn right on to Public Access Road and go one mile.

Chub Lake County Park contains 22 acres of rolling grassy slopes, dotted with large shade trees, on the northeast corner of Chub Lake. In spring the area has wild cherry, plum trees, and chokecherries blossoming, and in the fall the maples and oaks surrounding the lake turn brilliant colors.

Facilities include an excellent swimming beach, a playground, bathhouse, baseball park, picnic shelter, and boat launching ramp. Overnight camping is not permitted.

Contact: Carlton County Park Commission
Carlton, Minn. 55718

CLOQUET FORESTRY CENTER

Open all year, daytime / 3600 acres / University property

Location: Three miles west of Cloquet on County Road 5.

Cloquet Forestry Center is a branch of the University of Minnesota to which Forestry students are sent for field education. The forest has been managed since 1909 with the aims of improving timber yield, reducing disease and insect damage, and of researching how forests grow. The trees are primarily coniferous, but a nursery and aboretum with a wide variety of trees has been established. The center is also used for wildlife research, particularly grouse and deer studies. The site includes pot holes, Otter Creek, upland and lowland areas. There are facilities for sleeping, eating, and washing for 60 students; other groups may visit when College of Forestry students are not using the site. The area is not open for overnight camping. There is a picnic area and firetower in the stand of virgin red pine.

Contact: Dr. Bruce A. Brown, director
Cloquet Forestry Center
University of Minnesota
Cloquet, Minn. 55720
(218) 879-8582

JAY COOKE STATE PARK

Open all year / 8,920 acres / state land

Location: From Sandstone, take Minn. Hwy. 23 north for 46 miles (2 miles west of Duluth).

The terrain of the park is spectacularly rugged: from the

*Split Rock Creek State Park has been erroneously placed in Brown County. It should have been placed in Pipestone County.

shore of ancient glacial Lake Duluth, rough slopes go down to the St. Louis River, which runs through a picturesque gorge of basaltic rock formations. The glacial drift which mantles portions of the rock is covered with deciduous and coniferous vegetation. The river is crossed by a swinging bridge and paralleled by a trail. There is also an overlook site at Oldenburg Point, picnic grounds, foot, ski and snowmobile trails, campgrounds, and a shelter and refectory.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

PINE VALLEY PARK

Open all yoar, daytime / 60 acres / public

Location: Township 49N, R 17W, Section 22; in city of Cloquet.

The 60-acre site, acquired as a city park from Northwest Paper Company, has been developed as a winter recreational ski area and a nature center for summers. Various trails wind through the park leading to pine plantations, maple-basswood sub-climax forest, birch-aspen succession, Norway-white pine, grasslands, creek, and northern bog. The park is a good example of an esker and glacial moraine. Signs and brochures explain the various points of interest along the trails, and conducted hikes may be arranged upon request. There is no camping here; camping facilities are available at other parks in Cloquet however.

Contact: Cloquet High School
Cloquet, Minn.
(218) 879-3393

State Wildlife Management Areas

Unit Name	*Nearest Town*
Kettle Lake	Cromwell
Mervin	Cromwell
Progress	Cromwell
Sawyer	Carlton

CARLTON COUNTY
PINE COUNTY

NEMADJI STATE FOREST

Open all year /96,122 acres / state land

Location: From Duquette take Minn. Hwy. 23 northeast three miles, then go east two and one-half miles, then take the Net Lake Forest Road south one and one-half miles, then go east one-half mile.

Nemadji State Forest is about twenty miles south of Duluth on the Minnesota-Wisconsin border. The east side of the forest is swampy and forested with tamarack; the western side has rolling hills covered with northern hardwoods. There are several rivers and streams in the area, but no sizeable lakes. Wildlife include beaver, deer, moose, bear, fur bearers, and grouse.

Spectacular geologic formations are major feature at Jay Cooke State Park.

There are several old logging camps and about 50 miles of trails. Camping is permitted at Gafvert Campground on Pickerel Lake; there are also picnic sites, a swimming beach, boat ramp, and fishing. The forest is almost entirely state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

CARLTON COUNTY
ST. LOUIS COUNTY

FOND DU LAC STATE FOREST

Open all year, daytime / 59, 745 acres / state land

Location: From Cromwell take Minn. Hwy. 210 east few miles.

Two-thirds of this forest is low-land, so the soil is peaty and boggy, with many drainage ditches. There are several activities in the forest which would interest students: the Red Wing Peat Corporation is mining peat; moss is collected for tree nurseries; there is logging and sale of timber; deer yards are present; and the University of Minnesota is studying mistletoe control here.

Most of the trees are popple, but there are some ash and spruce. Wildlife include timber wolves, mink, beaver, deer, snapping turtles, and rainbow trout in Lake Corona. Two-thirds of the forest is state-owned; part of it is within the Fond du Lac Indian Reservation.

Contact: Area Forester
Box 220
Cloquet, Minn. 55720

CARVER COUNTY

CAMP MANAKIKI (Pillsbury Camp)

Open all year / 70 acres / private

Location: On the northwest bank of Lake Waconia on County Rd. 10, two miles south of Minn. Hwy. 7; six miles from the city of Waconia.

The campsite was a tenting ground for Indians who left burial mounds for Chippewa and Sioux warriors. Most of the area is covered by a dense maple forest, of which 20 acres has been carefully preserved for nature studies; a counselor offers an environmental education program in the summer using this site. About 80 campers can be accommodated by the dining room, kitchen, ten sleeping cabins, arts and crafts center, marina, and so forth. Summer camp sessions are open to south Minneapolis youth. The camp may be rented by groups during other seasons; winterized facilities can accommodate 55 campers.

Contact: Keith N. Masuda
3517 Chicago Ave. So.
Minneapolis, Minn. 55407
(612) 823-6257

CAMP TANADOONA

Open all year /63 acres / Girls' camp

Location: About 25 miles west of Minneapolis; from the city, take Minn. Hwy. 5 to Minn. Hwy. 41, turn right for one-half mile and turn left at a sign for the camp.

This Camp Fire Girls' camp is on the eastern shores of Lake Minnewashta. There are varied types of soils, from boulders to fine clay, typical of a recessional moraine. Most of the acreage is heavily forested. Narrow leaf cattail areas skirt part of the lakeshore, and birds nest in a nearby grass marsh. Overnight sites are scattered throughout. Buildings include a dining hall, 12 cabins, 3 lodges, a craft house, and administration building. During the summer the 170 Camp Fire Girls occupy the site, but it could be used by other groups at other times. There is one winterized building.

Contact: Camp Fire Girls
640 East Grant St.
Minneapolis, Minn. 55404
(612) 339-0351

CHASKA NATURAL RESOURCES CENTER

Open all year, daytime / 30 acres / school site

Location: North of Chaska High School on Minn. Hwy. 41, four miles south of Minn. Hwy. 5 or one mile north of Minn. Hwy. 212.

Chaska School Forest is actually part of the school site. About half the acreage is former cropland suitable for tree farms, specialized crops, a nursery, and experimental plots. Most of the rest of the acreage is a ravine with a small creek running through it. There is a 200 foot drop in elevation from the school campus to the lowest point in the ravine. A wide variety of trees are found on the site, including maple, red elm, basswood, burr oak, butternut, willow, and aspen; other vegetation includes wild grape, raspberry, choke cherry, honeysuckle, and juneberry.

Several outdoor education classes use the site. Facilities include a greenhouse, a classroom, a lab, and a maintenance shop. The area is not open for picnicking or camping.

Contact: Ben Lind
(612) 448-2854

KASTER WILDLIFE AREA

Open all year / 40 acres /private

Location: From Watertown, drive east on County Road 20 about three and one-half miles, then turn south on County Road 127 for one and one-fourth mile; stop at house on top of hill on left side of road.

Developed as a wildlife refuge, species offering both food and cover for wildlife are being planted at this site. Most of the area is marsh; the rest is food plots and a wind break — Russian olive, honeysuckle, wild plum, crab apple trees, red-osier dogwood and golden willow. Pheasants have been released on the site. The area is restricted to educational groups.

Contact: Bernard Kaster
Route 1, Box 255A
Delano, Minn. 55328
(612) 955-2209

Showy Pink and White Ladyslipper (state flower) is among hundreds of wildflower species growing at University of Minnesota Landscape Arboretum.

UNIVERSITY OF MINNESOTA LANDSCAPE ABORETUM

Open warm months, daytime / 560 acres / public

Location: On Minn. Hwy. 5 about three and one-half miles west of Chanhassen.

The Arboretum grows more than 4,000 trees, shrubs, vines, annuals, perennials, wild flowers, and ground covers here. Various habitats, such as woodland, open fields, prairie, marsh, and bog cover the acreage. Of special interest to garden clubs and homeowners are the lilacs, peonies, flowering crabapples, the old-fashioned and shrub roses, lilies, azaleas, wildflowers, and the annual flower garden — sort of like a seed catalog come to life. Every plant is labelled, and guided tours are available through the growing season. The Arboretum also provides information for nurserymen, landscape architects, homeowners, and garden store operators. Each spring the sugar maples are tapped and, in lecture-demonstrations for school children, the sap is converted into syrup. No camping.

Contact: University Landscape Arboretum
Route 1, Box 132-1
Chaska, Minn. 55318
(612) 443-2460

State Wildlife Management Areas

Unit Name	*Nearest Town*
Assumption	Green Isle
Gravel Pit #1748	New Germany
Gravel Pit #2749	New Germany
Schneewind	Waconia
Waconia	Waconia

Teacher and student experience winter fascinations together during workshop at Bald Eagle Center.

CASS COUNTY

BALD EAGLE CENTER

Open all year / 68 acres / school owned

Location: Twenty-five miles east of Bemidji or about ten miles east of Cass Lake on U.S. Hwy. 2, on Lydick Lake.

Bald Eagle Center, owned and operated by Bemidji State College, takes its name from the more than 100 pairs of nesting bald eagles living in the surrounding Chippewa National Forest. The Center is located on Lydick Lake, a closed rearing area for the giant muskellunge. Facilities include classrooms, gymnasium, warehouse, dormitories, and food services buildings. The college uses the center for outdoor education, physical education, vocational instruction, extension classes, student conferences, and meetings. It is open to any educational, conservation, or environmental group. Camping is permitted at nearby National Forest campgrounds.

Contact: A. L. Clark
Ass't. to the V.P. for Admin.
Bemidji State College
Bemidji, Minn. 56601

BATTLEGROUND STATE FOREST

Open all year, daytime / 12,868 acres / state land

Location: From Remer, go west on Minn. Hwy. 200 to Cty. Rd. 8, then north about ten miles.

Battleground State Forest is the site of what was probably the last settler-Indian battle in Minnesota (the Indians won). Much of the forest is low land, bordering Leech Lake and Boy River. The forest produces wild rice and maple syrup. There is a campground nearby at the Federal Dam, slightly north of the forest.

In this forest one-fourth of the land is privately-owned; visitors are advised to watch for signs and fences.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

BECKER'S HILLTOP ACRES BIRD SANCTUARY

Open all year, daytime / 3.5 acres / private

Location: Eleven miles east of Walker.

This small tract, partially wooded with evergreens, flowering crab, and wild cherry, has been turned into a bird haven with the addition of feeders and birdhouses. Paul Becker, the owner, occasionally plays host to visiting students and birdwatchers. The area is not open to camping or picnicking.

Contact: Paul Becker
(218) 836-2243

CAMP BIRCHWOOD

Open nine months / 200 acres / private

Location: 13 miles north of Walker or 7 miles south of Cass Lake on U.S. Hwy. 371, then follow the Guthrie Road (blacktop) one mile west; on gravel go one mile south and one-half mile west to camp entrance.

On Steamboat Lake, the camp has athletic fields, riding rings, archery and rifle ranges, and tennis courts; plus cabins, club house, dining hall, game room, and lodge. Summer months are open to girls; boys are given a separate session. Fall and spring months are open to school classes, usually sixth graders, who spend half days in the field and attend discussions in the afternoon on environmental subjects taught by a resident naturalist. Students are also taught survival skills. Capacity is 180.

Contact: Camp Birchwood
Steamboat Lake
La Porte, Minn. 56461
(218) 335-6706
Director: Mr. and Mrs. James Bredemus

FOOTHILLS STATE FOREST

Open all year, daytime / 45,125 acres / state land

Location: From Backus, go west on Minn. Hwy. 87 for five miles.

Foothills State Forest has rough, hilly terrain, with numerous lakes and potholes. Trees are primarily hardwood, with pockets of pines. There are several game habitat projects underway. There is a good trail system with an assembly area on Hwy. 87. Two-fifths of the tract is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

PILLSBURY STATE FOREST

Open all year / 14,780 acres / state land

Location: From Brainerd, go north on U.S. Hwy. 371 to County Rd. 77; then west several miles.

Pillsbury State Forest was named after John S. Pillsbury, governor from 1876 to 1887, who gave 990 acres of cutover pine lands to the Minnesota State Forestry Board in 1900, thus enabling the area to become the first forest reserve. In the fall of 1903 land clearing was begun for the state's first forest tree nursery, and next spring trees were planted. In 1911 the first fire lookout tower in the region was erected.

Today this forest of "firsts" includes 91 small ponds and lakes dotting the rolling site. There are many steep slopes and ravines blanketed with red oak, birch, aspen, and pine. The Forest borders Gull Lake and Lake Sylvan. There is a primitive campground and a 25-mile long riding and snowmobiling trail.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

REMER STATE FOREST

Open all year, daytime / 12,774 acres / state land

Location: Northeast of Remer on Minn. Hwy. 6 a few miles.

This small state forest is a bit south of the Mud Goose Wildlife Area but, considered by itself, completely ordinary. The terrain is rolling with sandy soil. The forest is composed chiefly of popple and pine. There are a few small mammals. About one-sixth of the forest is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

YMCA CAMP OLSON

Summer only / 1435 acres / YMCA camp

Location: Located at T 140 N, R 28 W, the camp is two miles south of Longville and 25 miles east of Walker; go north out of Pine River on Minn. Hwy. 84 to Longville, then south on County 54.

In addition to substantial shoreline on Little Boy and Cooper Lakes, three small lakes and numerous marshes dot the heavily-wooded property. YMCA boys and girls aged 10 to 17 participate in an environmental education program offered by a resident naturalist. Facilities include 11 sleeping cabins, a dining hall, staff cabin, wash house, and administration building. (Capacity: 120). Both the Soil Conservation Dept. and the Forestry Dept. are developing plans for managing the grounds. School groups interested in an outdoor education site are encouraged to explore this camp.

Contact: Gaylord S. Thomson, camp director
YMCA Camp Olson
709 1st Avenue S.W.
Rochester, Minn. 55901
(507) 289-0448

State Wildlife Management Areas

Unit Name	*Nearest Town*
Ah Gwah Ching	Walker
Big Rice Lake	Remer
Dry Sand	Nimrod
Mud-Goose	Deer River
Steamboat	Wilkinson
Woman Lake	Hackensack

CASS COUNTY
ITASCA COUNTY

BOWSTRING STATE FOREST

Open all year / 414,090 acres / state land

Location: Few miles northeast of Deer River.

The boundaries of Bowstring State Forest and the Chippewa National Forest are pretty much the same. Within the area are Indian mounds, an Indian village at Inger, the continental divide, the beginning of the Big Fork River canoe route, the Winnie Dam and fish hatchery, beds of wild rice, the Mississippi and Leech Rivers canoe routes, and many tree plantations with logging and sales. The terrain is gently rolling, with primarily sandy loam soils; there are large pockets of hardwoods scattered amidst the pines. There are several swamps.

Facilities include campgrounds, picnic areas, boat access, swimming beach, fishing, and canoeing. About one-fourth of the land is state-owned.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720
or Box 825
Bemidji, Minn. 56601

SCHOOLCRAFT STATE PARK

Open all year / 210 acres / state land

Location: Eight miles south of Deer River.

Henry Rowe Schoolcraft was an Indian agent of the Chippewa Indians at Sault Ste. Marie. During his term as agent, he wrote several volumes on the customs, legends, and histories of the Indians. It was from these writings that Henry Wadsworth Longfellow gathered the material for his poem, "The Legend of Hiawatha." Schoolcraft traveled extensively in the area seeking the source of the Mississippi River and finally finding it. From studies of his diary it is believed that Schoolcraft camped near this park on his successful trip.

The park includes a historic Indian wild ricing site and the Dobson homestead, the first homestead in Torrey Township, recorded in 1898, a favorite stopping place of loggers who worked the Mississippi River.

Park facilities include a campground, pioneer group camp, picnic area, fishing spot, and foot trail.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

WELSH LAKE STATE FOREST

Open all year, daytime / 16,336 acres / state land

Location: Between Leech Lake and Cass Lake on the east side of Minn. Hwy. 371.

This forest includes part of the Leech Lake Indian Reservation. The trees are chiefly jack pine and aspen, with many pine plantations; the land is flat with sandy soil and an occasional bog. Wildlife include deer, grouse, and eagles; wild rice grows near the lakeshores. There are several small lakes within the forest. There is a snowmobile trail but no other recreational facilities. Three-eighths of the forest is state-owned.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

CASS COUNTY
CROW WING COUNTY

LAND O'LAKES STATE FOREST

Open all year / 50, 895 acres / state land

Location: From Outing, take Minn. Hwy. 6 north for two miles, then Cty. Rd. 48 west two miles.

Land O'Lakes State Forest has, as its name implies, several lakes within its boundaries — Washburn, Morrison, Laurence, Edna, White Elk, Otter, Shovel, and Thunder. The terrain is rolling and covered with aspen and many pines. Visitors can see the remnants of an old CCC Camp and tree plantations established by the camp.

Facilities include a campground on Washburn Lake, picnic sites, swimming beach, boat ramp, snowmobile, and hiking trail. About three-fifths of the forest is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

CHIPPEWA COUNTY

LAC QUI PARLE STATE PARK

Open all year / 415 acres / state land

Location: Ten miles northwest of Montevideo.

Lac Qui Parle commemorates the site of the first church and school in the Minnesota Valley. In this area near the junction of Lac Qui Parle Lake and the Minnesota River, Joseph Renville had constructed Fort Renville, an American Fur Company trading post, in 1826. In 1835, at Renville's invitation, Dr. Thomas Smith Williamson established a mission here to serve the Dakota Indians, translating the Scriptures into the Dakota language for the first time. Services were held in settlers' log cabins until an adobe chapel was built in 1841. Following a fire in 1854, the mission was moved to the Upper Sioux Agency. The mission housed the first church bell to be tolled in Minnesota and also manufactured the first cloth woven in the state. The church was reconstructed in 1941.

Facilities at the park include campgrounds, picnic sites, and foot, saddle, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bergo	Montevideo
Boike	Montevideo
Franko	Clara City
Grace	Montevideo
Milan	Milan
Sena	Willmar
Shakopee	Willmar
Spartan	Granite Falls

CHIPPEWA COUNTY
SWIFT COUNTY

CHIPPEWA PRAIRIE

Open all year, daytime / 600 acres / private

Location: Go west on Minn. Hwy. 40 from Milan for two miles; then west and north on County Road 30 to county line; then west on township road 1 mile. Prairie lies to northwest and southeast.

Chippewa Prairie is dry, mostly rocky prairie, on a low plateau with a few swales and a few gullies draining west toward Lac Qui Parle Lake. Soil is thin except for the low areas. There are low bluffs along the west edge where the plateau breaks off toward the lake; from the bluffs, one can get a sweeping view toward the west to the lake. Much of the tract borders the Lac Qui Parle Game Refuge on the west. Students and conservation-minded persons are welcome to visit the site. No camping. The Nature Conservancy, which owns the area, requires visitors to leave a site in the same way they found it; that means no fires, no collecting of plants, no vehicular traffic, and so forth. Specific regulations are available at its office.

Contact: Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

CHISAGO COUNTY

CAMP CHEEWIN

Open warm months / 20 acres / private

Location: On Green Lake, 35 miles north of Twin Cities; take U.S. Hwy. 35 north to U.S. Hwy. 8, go east to Chisago City, then take County Rd. 24 to Lake.

Camp Cheewin is located on a high bank overlooking Green Lake with about one-quarter mile of shoreline. Most of the property is wooded, with oak, basswood, elm, sugar maple and pines dominant. There is an abundance of wildflowers during spring and summer. There are cabins, a dining hall, and program buildings for a resident camp, and the Camp Fire Girls of St. Paul use the camp during summer. Capacity: 72. Part of their program includes nature studies. Others may use the facilities upon advance request during spring and fall.

Contact: St. Paul Council of Camp Fire Girls
Camp Cheewin
372 St. Peter Street
St. Paul, Minn.
(612) 227-8077

INTERSTATE PARK

Open all year / 165 acres / state land

Location: One mile south of Taylors Falls.

Interstate Park is located along the St. Croix River where it runs through the narrow Dalles, a narrow gorge cut through lava flows. The vertical rock walls of the Dalles were formed about 700 million years ago. The walls have vertical planes, called vertical joints, which form some of the most picturesque features of the Dalles: the Devils Chair, the Old Man of the Dalles, Shadow Rock, Pulpit Rock, the Cross, and many others.

Besides these rock formations, the park has a series of 80 huge holes formed by glacial eddies rotating boulders trapped in irregularities in the rock. The largest of these holes is Glacier Kettle — 60 feet deep, 12 feet in diameter at the surface, 15 feet wide at a depth of 42 feet, then narrowing to 13 feet at the bottom. The holes are located in an area known as the Glacial Garden.

Glacier Kettle — 60 feet deep, 12 feet in diameter — is among many geologic wonders at Interstate State Park.

There are campsites, picnic grounds, pioneer group camp, boat and canoe rentals, fishing, and foot trails in the park. A naturalist conducts education sessions.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

RUSH LAKE ROOKERY

Open all year / 20 acres / state land

Location: Sections 21 to 28, T 37, R 22; on an island in Rush Lake.

The Rush Lake Heron Rookery is a Scientific and Natural Area owned by the state. The island has been a rookery for herons that nest in Minnesota for many years; it is one of the few places where the herons can be observed and studied. The area will be kept in its natural state. Picnicking and camping are not allowed.

Contact: Parks and Recreation
Department of Natural Resources
Centennial Building
St. Paul, Minn. 55155

W. H. C. FOLSOM HOUSE

Open June to September / 0.5 acres / public

Location: In Taylors Falls; from junction of U.S. Hwy. 8 and Minn. 95, proceed up the hill past depot on Government St.; house is at curve in the street near top of hill.

William Henry Carman Folsom was an independent logger who built the first frame building in Taylors Falls in 1851. He served as deputy postmaster and St. Croix County treasurer, as a member of the 1857 constitutional convention, and a state representative and state senator. His house, built in 1854, commands an imposing view of the St. Croix River valley. Built of pine lumber from his own property, the five-bedroom house reflects the Federal and the Greek Revival styles popular with many area settlers. Guided tours are provided.

Contact: Minnesota Historical Society
Mrs. LuAnn Nordeen
Folsom House
Taylors Falls, Minn. 55084
(612) 465-2535

CLAY COUNTY

BUFFALO RIVER STATE PARK

Open all year / 1,240 acres / state land

Location: Thirteen miles east of Moorhead.

Buffalo River State Park is located on prehistoric Campbell Beach of glacial Lake Agassiz. The park gets its name from the Buffalo River which flows rapidly through the park. The outstanding feature of the park is its natural prairie: of its total acreage, only 200 have been cultivated, and the remaining 1040 acres is virgin prairie sod. Variations in altitude, soil, and drainage produce examples of wet to very dry prairie vegetation. The wetter areas have big bluestem, gentians, white prairie ladyslipper, Indian paintbrush, and marsh marigold; intermediate areas have little bluestem, blazing star, prairie lilies, and asters; and the driest sites have blue gramma, prairie sage, and pasque flower. The park includes a campground, pioneer group camp, picnic area, swimming beach, dam, ski touring and hiking trails, and fishing.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

DA PAULA FARM SUMMER CAMP

Summer only / 250 acres / private

Location: In the Red River Valley; from Moorhead, four miles east of U.S. Hwy. 75, then two miles north of U.S. Hwy. 10.

DaPaula Farm is in the Red River Valley of the North, on the bed of the glacial Lake Agassiz. Oats, wheat, barley, flax, alfalfa, and so forth are grown on the farm, as well as sheep, dairy and beef cattle, hogs, and chickens. Boys aged 7 to 14 learn how a modern farm operates and engage in animal or poultry projects; they are taught to recognize farm plants, how to care for animals and how to plant wind breaks. They can also observe the operation of farm machinery.

Contact:

Summer	Winter
DaPaula Farm	Mr. and Mrs. Dale Workman
R.F.D. 1	609 Addision Street
Moorhead, Minn. 56560	Chicago, Ill. 60613
(218) 233-4186	(312) 935-4137

HUDSON'S BAY TRADING POST PARK AT GEORGETOWN, MINNESOTA

Open all year / 26 acres / public

Location: From Georgetown, go one mile west on Minn. Hwy. 75 and one mile south on Cty. Rd. 36.

This county park is at the confluence of the Buffalo and Red Rivers, at the very botton of glacial Lake Agassiz. A Hudson Bay trading post was built near here in 1859 and carried on a brisk trade with the Chippewa and Sioux. The post was the chief location where the oxcarts from Fort Garry to St. Paul crossed from Minnesota into Dakota Territory and from Dakota Territory into Minnesota. Georgetown became a stopping-off place for stage coach passengers and a postoffice in 1864. During low water in the Red River, Georgetown was the head of navigation during the steamer days.

The park is partially developed. It has a shelter building made from the planks of the original trading post warehouse and several overnight campsites.

Contact: Clay County Historical Society
Glenn E. Johnson, President
c/o Burlington Northern Railroad Depot
Moorhead, Minn. 56560
(218) 233-2781

WATERFOWL PRODUCTION AREAS

Open all year, daytime /5178 acres / federal land

Location: Headquarters at Tamarac Wildlife Refuge.

From the office at the refuge, 25 Federal Wetland units, ranging in size from 20 acres to 668 acres, are administered in Clay County. All units have typical prairie pothole terrain — marshy, low-lying wetlands bordered by upland areas with grassy vegetation. The units are managed so as to produce and protect waterfowl.

None of the sites are specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school children, are invited to contact the headquarters office to arrange visits; guides can be provided, but cannot act as teachers.

No camping or picnicking. Most sites open to hunting.

Contact: Tamarac National Wildlife Refuge
Rural Route
Rochert, Minn. 56578
(218) 847-4355

State Wildlife Management Areas

Unit Name	*Nearest Town*
Aspen	Hitterdal
Barnesville	Barnesville
Bjornson	Hawley
Clay County	Barnesville
Cromwell	Hitterdal
Felton	Felton
Goose Prairie	Hitterdal
Gruhl	Hawley
Hawley	Hawley
Hay Creek	Hawley
Highland Grove	Hawley
Hitterdal	Hawley
Interstate Highway 94	Barnesville
Janssen	Barnesville
Jeral	Hawley
Magnusson	Hawley
Skree	Hawley
Ulen	Ulen

CLEARWATER COUNTY

ITASCA WILDERNESS SANCTUARY

Open all year / 2000 acres / state-owned

Location: Within Itasca Park, Sections 9 and 16 and those parts of Section 10 and 15 lying west of Lake Itasca.

Part of Itasca Park has been set aside as a Scientific and Natural Area. It contains about 700 acres of Norway pine more than 100 years old and 131 acres of old white pine. The area is used for long-term research projects on fungi in aspen logs, mistletoe in spruce, and so forth. As with other such areas, there are no roads and no human interference — logging, insect control, etc. — permitted. Camping and picnicking are forbidden. *(See Itasca State Park sketch under Becker County.)*

Contact: Parks and Recreation
Department of Natural Resources
Centennial Building
St. Paul, Minn. 55155

LONG LAKE CAMPSITE

Open all year / 100 acres / public

Location: North of Itasca State Park on Minn. Hwy. 92.

Long Lake lies deep in wooded hills and was often filled with floating logs from the 1890s to 1914, when lumbermen used the lake as a temporary storage facility before sending the logs down the Mississippi. The lake bottom still contains many logs, expecially oak, and the bottom shore lines still have bark and debris. Students from the University of Minnesota who are studying at Itasca often use the lake for scuba diving, research, and projects. At the west end of the lake is a public campground of approximately 18 acres. The site is open in winter months for snowmobiling. No reservations are needed. More information is available from the office listed below.

Contact: Clearwater County Historical Society
Bagley, Minn. 56621
(218) 694-6574

UNIVERSITY OF MINNESOTA FORESTRY AND BIOLOGICAL STATION

Open year round / 40 acres / open to students, daytime

Location: Within Itasca State Park; from Park Rapids take U.S. Hwy. 71 north for 18 miles.

Within Itasca Park are many lakes and bog areas and forests of the northern coniferous and central hardwood region types. To the west is a spectacular break from the forests to the prairies, on the bed of ancient Lake Agassiz; and to the north lie the Red Lakes and immense expanses of northern bogs. The meeting of the three great plant regions provides varied ecosystems and a singular range of fauna and flora — including nesting bald eagles, breeding loons, beaver, racoon, and deer.

At the University of Minnesota Station within the Park, biological researchers and college level students take a whole range of environmental courses during a summer session. Such groups as 4-H Clubs, Scouts, and conservation clubs are welcome to visit; there is no overnight camping. There are facilities for cooking, sleeping, and washing for 116 students.

Contact: David F. Parmelee
University of Minnesota
Field Biology Program
302 J.F. Bell Museum
Minneapolis, Minn. 55455

TANGJERD'S FARM

Open all year, daytime / 500 acres / private

Location: Four and one-half miles east of Bagley on U.S. Hwy. 2; Section 24, T 147,R 37.

Paul Tangjerd's farm is noted for its pine grove, featuring 30 native trees and three introduced species, larger than mountain ash and ironwood. There is a corresponding variety of shrubs and herbs. The land surface is gently rolling with small areas of marshland. Mr. Tangjerd says, "Everyone needs some sort of relief from the speed of present-day life, and I feel that nature study is more satisfying than any organized sport." Any group or individual may visit his grove at no charge; shooting is strictly forbidden.

Contact: Paul Tangjerd
Bagley, Minn. 56621

State Wildlife Management Areas

Unit Name	*Nearest Town*
Clearwater No. 1	Lake Itasca
Clearwater No. 2	Lake Itasca
Clearwater No. 3	Lake Itasca
Clearwater No. 4	Lake Itasca
Clearwater No. 5	Bagley
Clearwater No. 6	Bagley
Clearwater No. 7	Bagley
Clearwater No. 8	Leonard
Clearwater No. 9	Leonard
Clearwater No. 10	Leonard
Clearwater No. 11	Leonard
Clearwater No. 12	Zerkel
Clearwater No. 13	Zerkel
Clearwater No. 14	Zerkel
Clearwater No. 15	Zerkel
Clearwater No. 16	Zerkel
Clearwater No. 17	Zerkel
Clearwater No. 18	Zerkel
Clearwater No. 19	Bagley
Clearwater No. 20	Bagley
Clearwater No. 21	Bagley
Clearwater No. 22	Zerkel
Clearwater No. 23	Zerkel
Clearwater No. 24	Zerkel
Clearwater No. 25	Zerkel
Clearwater No. 26	Zerkel
Clearwater No. 27	Zerkel
Clearwater No. 28	Zerkel
Clearwater No. 29	Zerkel
Clearwater No. 31	Zerkel
Clearwater No. 32	Zerkel
Clearwater No. 34	Zerkel
Clearwater No. 35	Bagley
Clearwater No. 36	Gonvick
Jackson Lake	Zerkel
Le Blanc	Gully
Little Pine	Clearbrook
Lower Rice Lake	Zerkel
Old Red Lake Trail	Leonard
Upper Rice	Alida

Winter comes to Minnesota's North Shore and Cascade River State Park

COOK COUNTY

CASCADE RIVER STATE PARK

Open all year / 2,815 acres / state land

Location: Ten miles southwest of Grand Marais.

The Cascade River flows through a twisting rocky gorge in a series of frothing rapids. The river drops some 225 feet over a distance of one mile where it flows into Lake Superior. The park borders the scenic north shore of Lake Superior for about 12 miles.

Park facilities include a campground, pioneer group camp, fishing site, and four miles of foot trails and 5 miles of snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

GRAND PORTAGE NATIONAL MONUMENT

Open all year, daytime / 770 acres / federal land

Location: On U.S. Hwy. 61, 38 miles north of Grand Marais.

The Grand Portage, although not the longest, the most difficult, or the most beautiful of the voyageurs' portages, was important because it represented the end of travel on the Great Lakes and the beginning of the interior river and lake route.

Here was the point on the waterway from Montreal to Fort Chipewyan, on the Slave River in Canada, where the fur traders replaced their 40-foot canoes with smaller, less burdensome canoes designed for use on inland lakes. Crews traveling from Montreal concluded their interior journey and transferred their goods to traders from far-flung outposts of the north.

Grand Portage was chiefly used by men of the North West Company. By 1778 the company's inland headquarters was located on the shores of the small bay at the eastern edge of Grand Portage. In 1800 the headquarters were moved to Fort William on Canadian soil.

A weathering stockade, with Great Hall and stockade, has been reconstructed on the site of the old trading post.

Visitors are welcome to follow the portage, which today bisects the reservation of the Grand Portage Band of the Chippewas. There are no camping facilities.

Contact: Grand Portage Monument
Box 666
Grand Marais, Minn. 55604

GRAND PORTAGE STATE FOREST

Open all year, daytime / 98,700 acres / state land

Location: In the Arrowhead (the northeastern tip of the state extending over Lake Superior).

Grand Portage State Forest is adjacent to the Boundary Waters Canoe Area and it has the beautiful scenery typical of the BWCA. The forest is traversed by the Arrowhead Trail and by the Brule River — part of the voyageurs' network of transportation.

The terrain is hilly, with many good trout streams and lakes, and a variety of trees — birch, white and Norway pine, maple, and cedar. Moose are plentiful and there are also grouse, pine martin, otter, weasel, deer, mink, and beaver.

Much of the forest was burnt in the early 1930s. A CCC Camp helped replant part of the forest. There are no regular campsites, but school groups could camp at the McFarland Lake access. There are snowmobile trails and an old dog sled trail (if you have any old sled dogs). One-third of the area is state-owned; it borders on the Grand Portage Indian Reservation.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

JUDGE C. R. MAGNEY STATE PARK

Open all year / 4,195 acres / state land

Location: 18 miles northeast of Grand Marais.

The waterfalls and boiling rapids of the Arrowhead River have carved unusual designs in the hard lava rock in this park. This scenic area, located on the north shore of Lake Superior, is named in honor of Clarence R. Magney (1883–1962), Mayor of Duluth, District Judge, Justice of the Minnesota Supreme Court, and a firm advocate of the state park system. He helped to add a dozen state parks along the north shore; this was one of his favorites.

Facilities include campgrounds, pioneer group camp, picnic areas, a fishing spot, and foot trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

NORTHEAST MINNESOTA ENVIRONMENTAL LEARNING CENTER

Open all year, daytime / 28 acres / open to students

Location: Thirty miles northwest of the junction of Minn. Hwy. 1 and U.S. Hwy. 61; or, go six miles west of Isabella on Minn. Hwy. 1, then turn on FR 177 one mile north.

The Center is located in the Superior National Forest and has the same characteristics: virgin forest, plains, many lakes, swamp areas, and fauna ranging from shrews to moose. Logged over areas near the Center are used to compare the habitats of virgin forest and those of various stages of succession. The year-round curriculum emphasizes improving the students' observation powers and analytical skills. It is open to schools and non-profit organizations and groups. Facilities include dormitories (capacity: 200), a gymnasium, 4 vocational training buildings, a dining hall, and an education building. There are public campgrounds and swimming beaches near by, and non-students are referred to them. No camping.

Contact: Project Director
NE Minnesota Environmental Learning Center
Box 191-A
Isabella, Minn. 55607
(218) 293-4345 or
(218) 293-4185

PAT BAYLE STATE FOREST

Open all year, daytime / 170,644 acres / state land

Location: North of Lutsen on Cty. Rd. 4 a few miles.

This forest is located in a rugged, rocky area with many small lakes and rivers, and with hardwoods and conifers both. It was named after a district ranger who had responsibility for this area many years ago. Wildlife include many beaver, trout, moose, grouse, and some deer. There are several tree plantations. Students could stay at Two Island Lake Federal Camp Grounds if plans were made well in advance; there are no established campsites. About one-fourth of the area is state-owned.

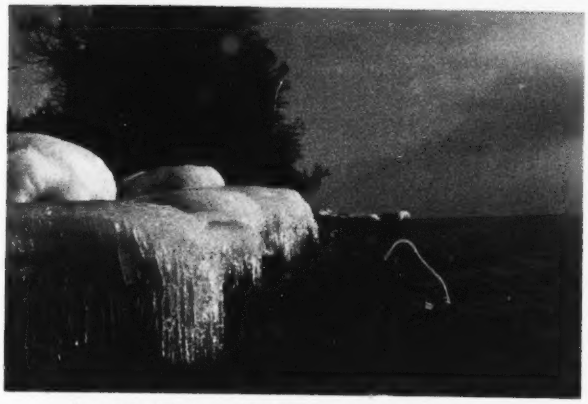
Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

TEMPERANCE RIVER STATE PARK

Open all year / 135 acres / state land

Location: Twenty-three miles southwest of Grand Marais.

Within the park, the Temperance River drops 162 feet in a half mile in a series of cascades, the last of which occurs about 100 feet from its mouth at Lake Superior. Surrounding the spectacular rocky gorge is a thick coniferous forest. Large potholes and cauldrons occur in the gorge; some of these are still being carved by the river today. The name



Icy stalactites cap North Shore rocks at Temperance River State Park.

of the river was derived from the absence of a "bar" at its mouth.

The park has primitive and modern campgrounds, a fishing stream, and one mile of nature trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

THOMSONITE SHORELINE AREA

Open all year / private land

Location: About four miles south of Grand Marais between U.S. Hwy. 61 and Lake Superior.

The Thomsonite Shoreline Area is a narrow belt of land, perhaps a mile or two long, along the north shore of Lake Superior. The gem thomsonite, a member of the zeolite family of stones, lies in an ancient basaltic lava flow which surfaces here. The stones are of many different colors, patterns, and structures, and are highly prized by commercial jewelry makers and by rock hounds. Free collecting may be done at the Cut Face Creek Public Wayside on Good Harbor Beach, or permission may be obtained for collecting from Maurice Feigel, proprietor of the Thomsonite Beach Motel. The area is frequently used by earth science instructors from state junior colleges for field trips.

Contact: Maurice Feigel
Thomsonite Beach Motel
Grand Marais, Minn.

YMCA CAMP MENOGYN

Open all year / 100 acres / YMCA camp

Location: On West Bearskin Lake, 30 miles north of Grand Marais; from Grand Marais, take the Gunflint Trail 29 miles north to Hungry Jack Road, three miles in to West Bearskin Landing, and one-half mile by boat to camp.

Menogyn is located in a pine, cedar, and birch forest on the north side of West Bearskin Lake. Teenagers take canoe or backpacking trips in the BWCA, the Quetico Provincial Park, Isle Royal National Park, and other parts of Canada. The camp has about 15 buildings, capacity 75, with several winterized for winter snowshoeing hikes; there is no road access and no electric power — hence no indoor plumbing. Campers are taught environmental information on each wilderness canoe trip.

Contact: Skip Wilke, director
YMCA Camp Menogyn
30 South 9th St.
Minneapolis, Minn. 55402
(612) 332-2431

COOK COUNTY
LAKE COUNTY

FINLAND STATE FOREST

Open all year / 307,648 acres / state land

Location: From Finland take Minn. Hwy. 1 south for three miles to Baptism River.

Much of this forest was burnt in the early 1930s, and it has been reforested since — first by CCC camps and now by the Forestry Division using seed dispersal equipment on snowmobiles. Maple syrup is collected every year; other trees include birch, spruce, balsam, and pine. There is a good bog in Township 59-11, plus several lakes and good trout streams. Deer, grouse, and fur bearers are plentiful, and there are moose in the east half of the forest. One-third of the forest is state-owned.

Facilities include five campgrounds, picnic sites, boat access, fishing spots, and hiking trails. Groups of students might be able to stay at Camp Isabella.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

COOK COUNTY
LAKE COUNTY
ST. LOUIS COUNTY

SUPERIOR NATIONAL FOREST AND BOUNDARY WATERS CANOE AREA

Open warm months / three million acres / federal land

Location: Along Minnesota-Canadian border east of the Kabetogama Peninsula; access from Ely.

The Boundary Waters Canoe Area (BWCA) is the only canoe wilderness in the National Wilderness System and, with more than 140,000 visitors a year, the most heavily-used wilderness area in the nation.

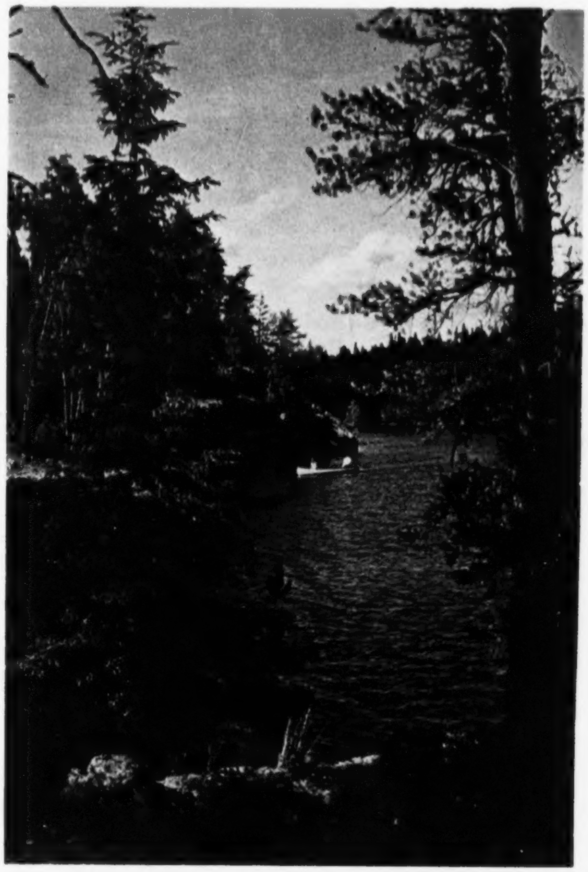
Located in the Superior National Forest, the one million-acre BWCA is a heavily forested wilderness area dotted with lakes and rivers. The lakes and connecting portages were part of a transcontinental waterway traveled over the past two centuries by voyageurs, explorers, government agents and other adventurers, and, for unknown centuries before, by Indians.

Because of fires, there are a great variety of trees including birch, mixed hardwoods, and conifers. The cool climate is especially suitable to orchids of which there are 30 native species. Wildlife includes moose, deer, bear, beaver, fox, wolverine, pine martin, and timber wolf; plus 150 species of birds. Fish include walleye, northern pike, small-mouth bass, lake trout, and crappies.

All of the rocks in the BWCA and the Forest except for glacial materials are older than one billion years. The rocks record the first period of uplift which enlarged the primeval core of the continent, the vast Canadian shield.

The area is roadless. A travel permit is required for the BWCA; it is free of charge. Because of the heavy use the area receives, a number of rules and regulations have been imposed upon visitors; inquire at canoe outfitters, District Rangers' Officers, or the Voyageur Visitor Center at Ely (you can pick up a permit at the same time).

Contact: Superior National Forest
Box 338
Duluth, Minn. 55801



Since Voyageur times, canoes have been a familiar scene in Boundary Waters Canoe Area.

COTTONWOOD COUNTY

Fascinating Indian carvings in rock take viewers back to early Minnesota history.

PETROGLYPHS

Closed winters / 80 acres / public, daytime

Location: Located 6 miles northeast of the intersection of U.S. 71 and Minnesota 30.

Open daily 10 a.m. to 6 p.m. May 1 to Sept. 30. Petroglyphs are carvings in rock produced by ancient peoples. The petroglyphs in Cottonwood County are believed to have been made over a long period of time by several different Indian groups, perhaps including the Sioux. The carvings include pictures of turtles, elk, deer, buffalo, human beings, and abstractions; since there are no drawings of horses or guns, it is probable that the petroglyphs were made before the 18th century. How long before no one knows, and no one knows why they were carved — for religion? for teaching children? In 1971 the Minnesota Historical Society built an interpretive shelter at the site with exhibits of the petroglyphs. Guided tours are available if requested in advance. No camping.

Contact: Mrs. Florence Roefer
Jeffers, Minn. 56145
(507) 628-4611

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 839 acres / federal land

Location: Headquarters at Benson, Minn.

From the office at Benson, six Federal Wetland units are administered in Cottonwood County. All of the units have terrain typical of the prairie pothole country — marsh, wetlands, some upland areas, and a few groves. The units range in size from a few acres to several hundred.

None have sites specifically developed for education, but many can serve this purpose well. Interested groups, particularly school children, are welcome to tour the units;

groups should consult the headquarters office prior to the trip. Guided tours are available by prearrangement.

Most units open to hunting.

Contact: Wetland Management District Office
Benson, Minn.
(612) 842-9511

WINDOM SCHOOL SITE

Open all year, daytime / 18 acres / school site

Location: On 17th St. in the northwest corner of the City of Windom, next to the senior high school.

This site has been developed by interdisciplinary classes of students from grades kindergarten to 12. A creek runs through the entire area and there is a pond, marsh, and about eight acres of high ground that was previously cultivated. There is an outdoor stage with seating for 165 built by students using natural materials. Other buildings and development are being planned. The area is not open to camping.

Contact: Robert Hofflander
Windom Public Schools
Box 152
Windom, Minn. 56101
(507) 831-4881

State Wildlife Management Areas

Unit Name	*Nearest Town*
Banks	Windom
Bennett	Mountain Lake
Delft	Windom
Expandere	Windom
Highwater	Storden
Hurricane	Westbrook
Julia	Westbrook
Little Swan	Windom
Mountain Lake	Mountain Lake
Regehr	Mountain Lake
Voit	Dundee

COTTONWOOD COUNTY
MURRAY COUNTY

TALCOT LAKE WILDLIFE MANAGEMENT AREA

Open all year / 3,279 acres / state land

Location: In southwest corner of Cottonwood County; Minn. Hwy. 62 runs across southern border of area.

The Des Moines River enters the area at its northwestern edge and twists and turns south, flows into the north end of Talcot Lake. Oaks Lake, somewhat smaller than Talcot, is at the northeastern corner of the tract; by means of ditches it connects with Talcot Lake. The area is mostly marshy, with brushy cover; the lakes are shallow prairie lakes — rich in nutrients and heavily silted. Waterfowl production and hunting is the main purpose of the area — mallards, blue-winged teal, and others. Deer and pheasants are commonly seen on the area.

Tours can be arranged. Strict regulations are in effect at all wildlife management areas regarding camping, vehicular traffic, firearms, and campfires.

Contact: Resident Manager
Talcot Lake WMA
Dundee, Minn. 56126

CROW WING COUNTY

CAMP ARROWHEAD FOR BOYS

Summer only / 160 acres / private

Location: Located in Section 33, T 46, R 28, the camp can be found by going east of Brainerd on Minn. Hwy. 18, then 6 miles north on Minn. Hwy. 6.

The site, heavily wooded with Norway pine, birch, red oak, and maple, slopes westward toward Lake Placid. Two low swamps are excellent for aquatic studies. The half-mile frontage on the lake offers a good waterfront for sports. The cabins and dining hall may be rented when the camp is not in use. Capacity: 60.

Contact: E. A. Messenger
6824 Valley View Road
Edina, Minn. 55435
(612) 941-1010

CAMP CUYUNA FOR SCOUTS

Summer only / 700 acres / scout camp

Location: Four miles northeast of Crosslake on County Rd. 3.

Wooded chetek-onamia soil features second-growth red and white pine, oak, aspen, and birch. Four lakes and two marsh areas dot the site. Part of the land is a game refuge, and there are deer, fox, bear, grouse, smaller animals, beaver and loons. There are several administrative buildings and six family cabins, plus 14 camp sites for Scout troops. Capacity: 400. During the week of July 4 campers — and other interested youth — participate in a conservation and ecology camp. There is a resident naturalist during the summer. The public is invited to visit.

Contact: Twin Valley Council
Boy Scouts of America
Box 22
Mankato, Minn. 56001
(507) 387-3123

CAMP FOLEY

Open warm months / 280 acres / private

Location: On north shore of Whitefish Lake; take U.S. Hwy. 371 north from Brainerd to Jenkins, then North Whitefish Drive Road to County Rd. 1, turn east on County 1 to County 34, then turn south for three miles.

Aerial view of Camp Foley during peak of summer activities.

Camp Foley is operated as a regular camp from June to August, but as an outdoor education center for sixth grade students and their teachers in spring and fall. The camp includes 120 acres on Whitefish Lake, with camp buildings for 140 persons, and a wilderness preserve site seven miles away on Echo Lake of 160 acres. Students are transported by bus to the wilderness area and taught conservation and weather, botany, water biology, geology, field math, boat and water safety. Students visit the Pequot Lakes Forest Ranger Tower and collect and analyze water samples at Echo Lake. Registration is through the schools.

Contact:

SSF
Camp Foley
Robert Schmid
Pine River, Minn. 56474
(218) 543-6161

Winter
Robert E. Schmid
164 Montrose Place
St. Paul, Minn. 55104
(612) 645-4298

CROW WING NATURAL HISTORY AREA

Open all year / 3100 acres / private

Location: Six miles west of Mille Lacs on County Rd. 8; at Section 19, T 44N, R 28W.

Crow Wing Natural History Area includes conifer bogs, lakes, beaver ponds, streams, marsh, and mixed hardwood forest including maple-basswood. The eastern part is rolling morraine country and the western part is flatter. Field activities developed by the Minnesota Environmental Sciences Foundation, Inc., are used on the site, plus other research programs. Area projects include a wood duck nest preference study; birds of prey population and nesting work; a plant collection and inventory; and a 20-year study on the effects of habitat manipulation on ruffed grouse populations. The studies as well as lake mapping, water chemistry work, test netting, songbird banding, and pothole blasting have involved local high school students, scout groups, and Brainerd Vocational School. There are primitive camping facilities which can be used by such groups; permanent facilities for cooking, sleeping, and so forth are being planned. Snowmobiles are forbidden.

Contact: Douglas Keran, manager
Crow Wing Natural History Area
Star Route
Brainerd, Minn. 56401
(218) 764-2466

or Judge Burris (owner)
Room 417-A
Courthouse
Minneapolis, Minn. 55415

CROW WING STATE FOREST

Open all year / 31,307 acres / state land

Location: Take Minn. Hwy. 6 north of Crosby, then Cty. Rd. 11 northwest few miles.

Within the Crow Wing State Forest are many small lakes and the Pine River canoe route. The terrain is level to rolling, with sandy soil covered by jack pine and pockets of popple. Deer and grouse are plentiful and are encouraged by game habitat projects. There are several tree plantations.

Facilities include campgrounds, picnic sites, swimming beaches, boat ramps, fishing spots, and canoe routes. About one-sixth of the area is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

CROW WING STATE PARK

Open all year / 1,310 acres / state land

Location: Nine miles southwest of Brainerd on U.S. Hwy. 371.

The Indians had first used this site at the junction of the Mississippi and Crow Wing rivers where the island shaped like a crow's wing lies; and rifle pits, used by a Chippewa tribe in 1768 when they fought the Sioux, still remain. About that time fur traders were wintering there, and a trader named Allan Morrison established a permanent trading post here in 1823. Morrison's post does not remain, but a later post was established. The 1850s and 1860s saw Catholic, Episcopal, and Lutheran missions established here; those buildings, plus a few houses and a school house remain. Loggers came about the same time as the missionaries, but they left when the area became cut-over. After a railroad was put through at Brainerd, the remainder of the population slowly drifted away in the 1880s.

Because of the well-established history of the site, and the series of settlers, the Park is a good place to get a complete capsule history of the state. Facilities include a campground, picnic area, foot, snowmobile, and saddle trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

EMILY STATE FOREST

Open all year, daytime / 640 acres / state land

Location: From Emily, go east on Cty. Rd. 1 few miles.

This small state forest is intensively managed to produce timber — Norway and jack pine and hardwoods. The terrain is rolling and the soil sandy. There are several lakes nearby, including Lake Emily. No recreational facilities have been developed. The forest is entirely state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

PARKER SCOUT RESERVATION

Open all year / 280 acres / scout camp

Location: On north shore of Long Lake; 8 miles north of Brainerd and two miles west of Merrifield.

This Boy Scout camp has 12 overnight camp sites, with water, toilets, and tables, scattered among a heavy forest. Other buildings including a dining hall, lodge, commissary, and two chapels. A naturalist conducts daily classes during the summer months. The camp is open to non-scouts by request. Capacity: 400.

Contact: Boy Scouts of America
Central Minnesota Council
1701 N. 9th Avenue
St. Cloud, Minn. 56301
(612) 251-3930

State Wildlife Management Areas

Unit Name	*Nearest Town*
Birchdale Lake	Emily
Cooks	Brainerd
Duck Lake	Emily
Loerch	Brainerd
Roosevelt	Garrison
Upper Dean	Emily

DAKOTA COUNTY

CAMP BUTWIN

Open all year / 230 acres / private

Location: Go over the Mendota Bridge and take So. Robert Trail to 120th St., then right to sign for camp.

The 80-acre site has a 150-acre lake with several wooded islands in it. The land is gently rolling, covered with a mixed hardwood forest. Facilities include hiking trails, day camp shelters. During the summer it is used by the St. Paul Jewish Community Center, but groups may reserve it at other times.

Contact: Camp Butwin
(612) 698-0751

CAMP LYNWOOD

Open all year / 76 acres / scout camp

Location: Near Lakeville; take I-35W to Minn. Hwy. 50, then go east of Hwy. 50 one block, turn left at the Skelly Oil station, and at a 'T' in the road turn left again; the camp is the fourth driveway on the left side.

Camp Lynwood, although in the middle of urban development, has retained enough natural beauty to be genuinely educational. There is a pond amid six acres of grassland; the rest is wooded, gently rolling terrain. There are tent sites, water and latrine facilities for 150 campers. Girl Scouts use the camp during the summer, but other groups may request permission to use it at other times.

Contact: Greater Minneapolis Girl Scout Council
200 Gorham Building
7th Street & 2nd Avenue North
Minneapolis, Minn. 55403
(612) 338-0721

FRIENDLY MARSH ENVIRONMENTAL EDUCATION AREA

Open all year / 25 acres / public

Location: In the Village of Mendota Heights south of Minn. Hwy. 110 and east of Minn. Hwy. 49.

Friendly marsh is a community park dominated by a large marshy area covered by a four-foot layer of peat. The area is covered with aquatic plants, grasses, dogwood and oaks. Plans call for the construction of wildlife ponds planted with rice for waterfowl. The removed peat would be piled to create a landscape of mounds and open water — the mounds for observation points. Trails would be constructed. When the area is completed, it will accommodate about 200 students. No camping.

Contact: Joseph L. Stefani, chairman
Mendota Park Commission
1820 Valley Curve Road
St. Paul, Minn. 55118

INTERSTATE ENVIRONMENTAL EDUCATION AREA

Open all year / 35 acres / public land

Location: In the Village of Mendota Heights adjacent to the eastern boundary of I-35E and about three-fourths of a mile north of Minn. Hwy. 110.

Interstate Valley is a community park in a protected valley with a stream, marshes, and ponds. Plans call for construction by dredging of three small ponds, a camping area, trails, and a museum-nature center. Evergreens are added to the existing vegetation — marsh grass, sumac, and oaks. Deer, rabbits, pheasants, and other small animals are present. The nature study area should accommodate about 200 students.

Contact: Joseph L. Stefani, chairman
Mendota Park Commission
1820 Valley Curve Road
St. Paul, Minn. 55118

MACALESTER COLLEGE KATHARINE ORDWAY NATURAL HISTORY STUDY AREA

Open all year, daytime / 280 acres / private

Location: In Inver Grove Heights (below West St. Paul) on County Rd. 77.

Oak and birch forest, savannah and grassland, springs and ponds and a portion of the Mississippi River are included in this site. The terrain is gently rolling, of a glacial moraine deposit, and kept in a wild state. Macalester College offers summer school courses here. A resident naturalist may give information to students and researchers. The area is not open to camping.

Contact: James A. Jones
Biology Department
Macalester College
St. Paul, Minn.
(612) 657-6272

MINNESOTA MEMORIAL HARDWOOD STATE FOREST

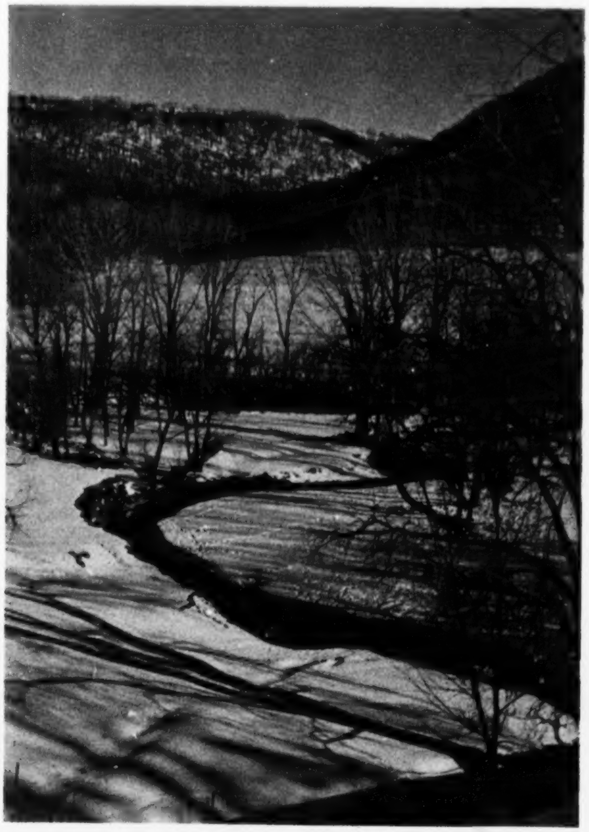
Open all year / two million acres / state land

Location: Along the Mississippi River and including parts of Dakota, Dodge, Fillmore, Goodhue, Houston, Olmsted, Wabasha, and Winona Counties.

This forest stretches along the Minnesota-Wisconsin border below Hastings. The terrain is hilly and rough in some parts, especially along the river bluffs; the cover is almost entirely hardwoods with a few patches of conifers. This area was never covered by glaciers, but has been shaped by other forces — including the rivers: the Root, the Cannon, the Zumbro, and the Mississippi. Along these rivers are retention dams and erosion controls. There are many tree plantations, chiefly of hardwoods; the original trees are part of the 'Big Woods,' which once covered most of southeastern Minnesota.

The Forestry Division owns about 20,000 acres out of the nearly two million acres in this forest. Included in the forest is the Winnebago Indian Reservation. Campsites are available at the Kruger Recreational Area west of Wabasha on the Zumbro River. Other facilities include picnic sites, boat access, canoe route, hiking and riding trails.

Contact: Regional Forester
2300 Silver Creek Rd.
Rochester, Minn. 55901



Serpentine creek glides through snow-covered hills in Minnesota Memorial Hardwood Forest.

Marsh area at Rogers Lake Environmental Education Area will be developed as a nature center.

ROGERS LAKE ENVIRONMENTAL EDUCATION AREA

Open all year, daytime / 2.5 acres / public

Location: In the Village of Mendota Heights at the junction of Lexington Avenue and Wagon Wheel Trail.

Rogers Lake Park includes a low, marshy area, a high point covered with birch and poplar, a marshy inlet of the lake, and a land-locked pond. A channel will be dredged between the pond and the lake to create a lagoon for canoe practice. A row of spruce trees will be planted along the highway to act as a buffer. The marsh area will be developed as a nature center; a boardwalk and trails will lead through it. A multi-use shelter, with a capacity of 30 students, will be constructed. From the picnic and play area, a broad grassy meadow leads to the lakeshore where there is a boat launching ramp, a sailing beach, and canoe racks. The area is not open to camping.

Contact: Joseph L. Stefani, chairman
Mendota Park Commission
1820 Valley Curve Road
St. Paul, Minn. 55118

Students get inside look at fascinating home of honeybees at Thomas Irvine Dodge Natural Area Site.

THOMAS IRVINE DODGE NATURAL AREA SITE

Open all year, daytime / 130 acres / school site / private

Location: In S 19, T 28, R 22; the area, in West St. Paul, is bordered on the west by Delaware Avenue, on the north by Wentworth Avenue, and on the east by Charlton Street; primary access from the east.

The terrain is varied and interesting: large open areas, several ponds, rolling hills, marshes, a well-developed apple orchard, prairie grasses, deciduous and coniferous trees, wildflowers, crop lands, old building foundations and former truck-farm buildings, bee hives, brush piles, and nature trails. Such wildlife as pheasants, rabbits, squirrel, fox, skunks, snakes, turtles, and small rodents have been observed. Public and private schoolchildren in District 197 are taught how to track animals in winter, how to manage snowshoes, how to collect and process maple syrup, identification of trees, birds, wildlife, and an appreciation of ecology. There are classroom facilities but no provision has been made for campers or picnickers. (reservations required.)

Contact: R. E. Peterson
Moreland School
West St. Paul, Minn. 55118
(612) 227-9471

State Wildlife Management Areas

Unit Name	*Nearest Town*
Hastings	Hastings
Ravenna	Hastings
Wood Duck	Etter

DAKOTA COUNTY
GOODHUE COUNTY

CANNON RIVER SCOUT RESERVATION

Open all year / 450 acres / scout camp

Location: Three miles west of Canon Falls on Minn. Hwy. 19.

Located on the south shore of the Byllesby Reservoir, the area has outstanding sandstone cliffs and outcroppings. About 75 different species of birds have been observed here in the past three years. Lake Byllesby will become a major recreation area in future years under a joint park project between Dakota and Goodhue Counties. Nine shelters have a capacity of 200, and there are campsites available for an additional 500. Scouts use the camp primarily, but other groups may request permission to use it. Snowmobiling is forbidden.

Contact: Indianhead Council
Boy Scouts of America
393 Marshall Avenue
St. Paul, Minn. 55102
(612) 224-1891

Gores Pool Wildlife Management Area

Open all year, daytime / 5,310 acres / state land

Location: In the Mississippi River at Prescott, Wis., near Hastings.

Gores — Pool 3 is under lease from the U.S. Corps of Engineers to the Minnesota Department of Natural Resources as a wildlife area. The area includes the junction of the Mississippi and Vermilion Rivers, North Lake, and Sturgeon Lake; the Ravenna Wildlife Management Area borders it on the north and the Wood Duck WMA on the south. Within Gores is a series of tiny lakes and ponds, sloughs and backwaters, ideal for trapping, fishing, and waterfowl production. Animals include fox, muskrats, mink, beaver, deer, and ruffed grouse. The area has potential for hiking, canoeing, nature study, boating, photography, bird watching, hunting, and trapping.

Contact: Minnesota Dept. of Natural Resources
Division of Game & Fish
390 Centennial Bldg.
St. Paul, Minn. 55155

DAKOTA COUNTY
HENNEPIN COUNTY

FORT SNELLING STATE PARK

Open all year, daytime / 2,105 acres / state land

Location: At the junction of the Minnesota and Mississippi Rivers on the south side of the Twin Cities.

Overlooking the Minnesota and Mississippi Rivers on a high bluff, Fort Snelling was established on August 24,

1819. The first winter was a terrible one with 40 men dying of scurvy at the temporary camp. The following summer, Colonel Josiah Snelling took command and built the fort — 14 stone and 2 log buildings encircled by a ten-foot high stone wall. The Fort was Minnesota's first military post and the northwesternmost outpost in the nation until 1849.

Soldiers and their families founded the area's first school, hospital, Protestant church, and circulating library. Theatrical performances and concerts by a 15-piece brass band enlivened the wilderness isolation. As the local communities grew, the fort's importance diminished. In 1858 the troops were withdrawn, but were returned for the Civil War and for the Sioux Uprising of 1862. The fort remained an army post until 1946.

Since then, the fort has been partially restored by the Minnesota Historical Society. Live interpretation was begun in the summer of 1970: costumed ladies cook over fireplaces, dip candles, and run the Sutler's store; the Guard demonstrates the drills, arms, and dress of the 1820s.

Park facilities include picnic areas, pioneer group camp, a swimming beach, fishing, boat rentals, and foot, saddle, skiing and snowmobile trails. No family camping.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

or Minnesota Historical Society
Building 25, Fort Snelling
St. Paul, Minn. 55111
(612) 726-1171

DODGE COUNTY

HAYFIELD COMMUNITY SCHOOL LAND LABORATORY

Open all year, daytime / 15 acres / school site

Location: Adjacent to the Hayfield Community School, in Section 23, Hayfield Township, R 17.

The land laboratory is a gently sloping tract, chiefly grassland, with a creek running through the length of it. The soil is Kasson silt loam. Students use the site to work with crop varieties and cultural practices. The area is not open to camping or picnicking.

Contact: Frank A. Moon
Vocational-Agricultural Instructor
Hayfield Community School
Hayfield, Minn. 55940
(507) 477-3252

State Wildlife Management Areas

Unit Name	*Nearest Town*
Schletty	Mantorville
Teapail	Dodge Center
Vorce	Claremont
Wasioja	Dodge Center

DOUGLAS COUNTY

BATTLE POINT

Open warm months / 5 acres / private

Location: Osakis, Minn.

The Chippewa and Sioux battled here about 130 years ago. The battle ended with the Chippewa swimming across Lake Osakis to escape the victorious Sioux. The area is now owned by the Osakis Sportsmen's Club.

About three acres of the tract is lakeshore on Lake Osakis. The flat, sandy soil is covered with a fine grove of oak trees. The club has installed cooking facilities and restrooms on the site.

Contact: Osakis Sportsmen's Club
Osakis, Minn. 56360

ENGELBRECHT'S FARM

Open all year / 400 acres / private

Location: Five miles east and seven miles south of Alexandria.

Art and Agnes Engelbrecht have developed their prairie farm to encourage and preserve all types of wildlife by constructing waterfowl production areas such as dams, ponds, and islands, and by planting various sorts of wildlife cover. Such animals as white tail deer, black bear, bobcats, badgers, porcupines, and (sometimes) timber wolf roam the farm; plus Canadian geese, snow geese, wild turkey, peafowl, and pheasants. Visitors, particularly school groups and conservationists, are welcome by reservation only.

Contact: Art Engelbrecht
R.F.D. No. 4
Alexandria, Minn.

LAKE CARLOS STATE PARK

Open all year / 1,130 acres / state land

Location: Ten miles north of Alexandria.

Lake Carlos State Park is strategically located in one of the summer resort centers of the state. The topography is rolling, with sugar maple and other deciduous trees on the higher ground and dense tamarack swamps, natural habitat for deer, in the lower area. Lake Carlos is the headwaters of the Long Prairie River which was used by early explorers and by Indians.

Facilities include campgrounds, a children's group camp, pioneer group camp, picnic areas, a swimming beach, fishing spots, boat rental, and foot, saddle, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

LUTHER CREST BIBLE CAMP

Open all year / 95 acres / church camp

Location: From Alexandria, go seven and one-half miles north on Minn. Hwy. 29, then take County Road 29 to County 11, then turn right on County 11 to the camp on west Lake Carlos.

The Bible Camp comprises a hilly, wooded area, with two swamps, and a 2600 acre lake. There are hiking trails, cabins, a retreat center and dining room. A naturalist conducts environmental education programs from June to August. The camp is run for teenagers and adults, but other groups may request permission to use it. Capacity: 144.

Contact: Ron Nielsen, director
Luther Crest Bible Camp
Route 1
Alexandria, Minn. 56308
Office: (612) 846-2431

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 6526 acres / federal land

Location: Headquarters in Fergus Falls.

From the office at Fergus Falls, 48 Federal Wetland units, ranging in size from 18 acres to 469 acres, are managed in Douglas County. All units have typical prairie pothole terrain — marshy, low-lying wetlands, bordered by upland areas, with prairie-type vegetation. The units are managed so as to produce and protect waterfowl.

None have sites specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school children, are invited to contact the headquarters office to arrange visits; guides can be provided, but groups must bring their own teacher.

No camping or picnicking. Most sites open to hunting.

Contact: Wetland Management District Office
Fergus Falls, Minn.
(218) 736-3681

State Wildlife Management Areas

Unit Name	*Nearest Town*
Anderson	Evansville
Balgaard	Evansville
Belle River	Alexandria
Big Spruce	Miltona
Brandon	Brandon
Carlos Lake Dam	Carlos
Chermak	Lowry
Eng Lake	Kensington
Evansville	Evansville
Forada	Forada
Garfield	Garfield
Great Northern	Osakis
Hartfiel	Parkers Prairie
Hegg Lake	Kensington
Herberger Lake	Osakis
Kensington	Kensington
Kuhtz	Osakis
La Grande	Garfield
Moe	Brandon
Osakis	Osakis
Pioneer Trail	Garfield
Red Rock	Kensington
Satterlie	Evansville
Schnepf	Kensington
Spruce Creek	Alexandria
Thornberg	Evansville
Urness	Kensington
Viking	Kensington

FARIBAULT COUNTY

State Wildlife Management Areas

Unit Name	*Nearest Town*
Stokman	Minnesota Lake
Walnut Lake	Wells
Wells	Wells

FILLMORE COUNTY

FORESTVILLE STATE PARK

Open all year / 1,940 acres / state land

Location: Seven miles southeast of Wykoff.

Forestville State Park is located on the southbranch of the Root River and includes the abandoned townsite of Forestville, established in 1850. In territorial times the Forestville trading post was one of the best known commercial centers in all of Minnesota. The town included the first school and flour mill in the county and a stage coach station, the first regular stop of the Dubuque northbound stage coach north of the Iowa-Minnesota border. The last enterprise of the town, Meighen store, closed in 1910.

Surrounding the townsite is a rugged area with many beautiful streams and a heavy growth of cedar, white pine, and mixed hardwoods. The park is known for its trout fishing.

Facilities include a primitive campground, pioneer group camp, a picnic site, and foot, saddle, and snowmobile trails and fishing.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

FREEBORN COUNTY

HELMER MYRE STATE PARK

Open all year / 920 acres / state land

Location: Five miles east of Albert Lea.

Helmer Myre State Park is located on an island in Albert Lea Lake. It contains an excellent stand of virgin hardwood timber with a variety of native plant species. Because of increasing overuse, the park was expanded to the mainland. The island is connected to the mainland by a causeway.

Facilities include campgrounds, pioneer group camp, picnic sites, a fishing spot, and foot and snowmobile and ski trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bear	Albert Lea
Halls	Alden

GOODHUE COUNTY

CAMP HOK-SI-LA

Open all year, daytime / 288 acres / scout camp

Location: On north edge of Lake City on Minn. Hwy. 61.

Camp Hok-si-la has been developed and maintained strictly as a Boy Scout camp, with campsites and activity areas the only open places in the woods. About 180 acres is covered with hard and soft wood trees; another 100 acres consists of swamp and backwater areas. The camp is on the east shore of Lake Pepin and about 30 feet above the water level.

The area is especially rich in migrating birds in the spring. The trees and undergrowth make the area an ideal habitat for birds and small mammals; the closeness to the highway and to river traffic discourages larger wildlife.

From June 1 to Sept. 1 the camp is operated by the Boy Scouts. Birdwatchers and researchers are welcome to use the camp at other times if they get permission first. The area is not open for public camping.

Contact: Gamehaven Council
Boy Scouts of America
1124 11½ St. S.E.
Rochester, Minn. 55901
(507) 288-8464

FRONTENAC STATE PARK

Open all year / 905 acres / state land

Location: Eight miles northwest of Lake City.

Located on the shores of Lake Pepin (a widening of the Mississippi River), the site's history begins in the year 1728, when Rene Boucher, Sieur de la Perriere, built a stockade on Pointe au Sable. The fort was called Fort Beauharnois in honor of the then Governor General of Canada. Two missionaries who came with the Frenchman, Michel Guignas and Nicholas de Gonor, built at the fort what is probably the first church on Minnesota soil — the Mission of St. Michael the Archangel. For the next ten years the fort was occupied intermittently and finally abandoned in 1756 at the outbreak of the French-Indian war. A fur trading post was built on the fort site in the 1850s and carried a brisk business for the next century.

The park includes rolling woodlands along the northwest shore of Lake Pepin. There are campsites, a picnic ground, and foot and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

Fabled "In Yan Teopa" limestone formation at Frontenac State Park.

State Wildlife Management Areas

Unit Name	*Nearest Town*
Gores — Pool 3	Hastings
Wood Duck	Hastings

GRANT COUNTY

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 5,798 acres / federal land

Location: Headquarters at Fergus Falls.

From the office at Fergus Falls, 40 Federal Wetland units, ranging in size from 24 acres to 521 acres, are managed in Grant County. All units have typical prairie pothole terrain — marshy, low-lying wetlands, bordered by upland areas, with grassy vegetation. The units are managed so as to produce and protect waterfowl.

None have sites specifically designated for environmental education, but several can serve this purpose well. Interested groups, particularly school children, are invited to contact the headquarters office to arrange visits; guides can be provided, but groups must bring their own teacher.

No camping or picnicking. Most sites open to hunting.

Contact: Wetland Management District Office
Fergus Falls, Minn.
(218) 736-3681

State Wildlife Management Areas

Unit Name	*Nearest Town*
Alvstad	Barrett
Bergerud	Wendell
Berskow	Elbow Lake
Chippewa Pond	Hoffman
Helsene	Herman
Isaacson	Barrett
Kube-Swift	Wendell
Macsville	Herman
Marple	Wendell
Mustinka	Wendell
Pomme de Terre	Elbow Lake
Shuck	Wendell
Towner	Herman
Wilts	Herman

HENNEPIN COUNTY

BOYS' CLUB CAMP

Open all year / 100 acres / private

Location: 2 miles west of Mound on County Road 15; take U.S. Hwy. 12 out of Minneapolis going west and at Wayzata turn on to County Road 15.

The Boys' Club camp includes woods, pasture, swamp, rolling hills and Clear Lake. Operated as a residence camp in summer, the camp is open to overnight campers; in addition, several cabins are winterized. The Mound schools have environmental education classes at the camp or at least the potential. Capacity: 70.

Contact:

Summer	Winter
Wayne Houston	Boys' Club
(612) 472-4581	(612) 522-3636

CAMP MINNETRISTA

Open all year / 106 acres / scout camp

Location: Section 15, T 117, R 34; three and one-half miles northwest of Mound.

Camp Minnetrista is located on Schmidt Lake and extends to the marshes of Long Lake. Five rolling hills are covered with woodland and swampy areas. Girl Scouts have built a path past the marsh areas where wetland plants, nesting birds, and swamp animals are abundant. There is a winterized building for sleeping, cooking, and washing up (capacity: 36), plus an area where Day Camp is held that accommodates 150. An environmental educator is a member of the Day Camp staff. Open to other groups on rental basis.

Contact: Greater Minneapolis Girl Scout Council
200 Gorham Building
7th Street & 2nd Avenue North
Minneapolis, Minn. 55403
(612) 338-0721

CROW HASSAN PARK RESERVE

Park will open in 1975 / 2,500 acres / public

Location: Near the Village of Hanover; bounded by the Crow River on the north and west, County Road 19 on the south, and several town roads on the east.

The unique feature of this county park is the preservation of a prairie within 25 miles of downtown Minneapolis. Soil analysis indicates that about 1075 acres of the park were once tall grass prairie. A prairie management program has been started involving controlled burning, fire breaks, and seeding; a limited number of groups can make reservations to observe this restoration project each spring. The park also includes about 350 acres of upland hardwood forests. There is a small dam impounding the Crow River just north of the park. The stream valley of the river has several interesting geologic features including a large flood plain and high bluffs.

A canoe launch site on the Crow River is planned to open in summer of 1972. Other facilities will be added in the future.

Contact: Crow Hassan Park Reserve Manager
Henn. Co. Park Reserve District
Rte. #1, Box 32
Maple Plain, Minn. 55359
(612) 473-4693

DARTMOUTH TRIANGLE ENVIRONMENTAL EDUCATION CLASSROOM

Open all year, daytime / 5,000 sq. ft. / public

Location: Directly in front of Motley Elementary School, at the corner of East River Road and Dartmouth in Southeast Minneapolis.

Southeast Minneapolis schools and members of the community are using this small triangle of land for such environmental education activities as plot studies, soil testing, planting, observation of natural vegetative succession, and water testing. Vegetation consists of lawn and mature trees, but the land is being left for natural succession, so this will change. The site is designed for use by elementary and junior high classes from schools in Southeast Minneapolis under the direction of an environmental education resource teacher. Capacity: 30. The classroom is an experimental model for possible duplication in other schools within Minneapolis.

Contact: Gordon L. Morrison
Minneapolis Park Board
250 South Fourth St.
Minneapolis, Minn. 55415
(612) 348-2222

ELM CREEK PARK RESERVE

Open all year, (1973) / 4,500 acres / public

Location: Near Osseo in the Villages of Maple Grove and Dayton, boundaries extend from Minn. Hwy. 152 north to County Rd. 49 and from Lemans Lake west to County Rd. 121.

This county park includes 900 acres of upland hardwoods, 2500 acres of open cultivated land and 1100 acres of marsh along the creek valleys and around Hayden Lake. Much of the open land is reverting to woodland as a result of the reforestation program and natural succession. A sizable Great Blue Heron colony, approximately 300 active nests, is located on the park. Wildlife habitat improvement has begun and there are large numbers of waterfowl, songbirds, and mammals present. The area is rich in wildflowers. The unique feature of the park is the preservation of the valleys of Rush, Diamond and Elm Creeks.

A picnic-swimming complex will be constructed in 1972 and open in 1973. There will also be about 20 miles of cross-country ski trails open by then. Three group day camp sites are available by reservation, but there are no other camping facilities as yet.

Contact: Elm Creek Park Reserve Manager
Hennepin County Park Reserve District
Route 1, Box 32
Maple Plain, Minnesota 55359
(612) 473-4693

ELOISE BUTLER WILDFLOWER GARDEN

Open warm months / 13 acres / public

Location: Between U.S. Hwy. 12 and Glenwood Avenue North and Xerxes Avenue North and Glenwood Parkway.

The largest collection of wildflowers that can be grown in Minnesota are in this garden. A wooded area contains a wide selection of coniferous and deciduous trees, including birch, oak, maple, hickory, hemlock, spruce, and fir; the upland prairie garden contains prairie flowers; and a bog garden has many native bog plants. The entire area is hilly and honeycombed with trails. Small ponds are located outside of the fenced area and water plants grow abundantly in them. There is also a bird sanctuary with bird feeders. A curator, on duty all week from April to November, conducts guided tours of 50 persons or less. The area is not open to camping, cooking, or picnics; the Friends of the Wildflower Garden, Inc. have built a shelter which houses a library and the curator's office.

Contact: Minneapolis Park Board
250 S. 4th St.
Minneapolis, Minn. 55415
(612) 348-2222

Summer telephone at garden:
Kenneth Avery, curator
374-4305

HARDSCRABBLE POINT WOODS

Open all year, daytime / 23 acres / private

Location: From Mound take Cty. Rd. 44 to Hardscrabble Point Road which passes completely around the tract.

This land, owned by The Nature Conservancy, is a remnant of "Big Woods" consisting primarily of sugar maple. There are several other species typical of the area including red oak, American elm, slippery elm, and an understory in parts of ironwood. Low lying areas contain American elm with some willows and an occasional cottonwood. Common undershrubs include red elder, alternate leaf dogwood, and red osier dogwood.

The 1965 tornado that passed through here did considerable damage to the central portion, which is quite low and poorly drained; it is now covered with brush and the introduced plant purple loosestrife.

The area is not open to camping or picnicking. Visitors are asked to obey certain rules intended to preserve the environment.

Contact: Albert Johnson
Horticultural Research Center
Route 1, Box 746
Excelsior, Minn. 55331
(612) 474-9440

HYLAND LAKE PARK RESERVE

Open all year, daytime / 1,000 acres / public

Location: At 8737 E. Bush Lake Road in Bloomington, southwest of the intersection of Minn. Hwy. 100 and Interstate Hwy. 494.

Access through Hyland Lake Park is by seven miles of foot trails during the summer months and extensive ski touring trails in winter months designed to take you to 75-acre Hyland Lake through hardwood forests of oak and climax forests of maple and basswood, through prairie areas, and near ponds and marshes. Sandy soils lie over glacial moraine deposits. Environmental education is offered through the Nature Center (see separate entry for that). Three day camp sites and two overnight group camp sites are available for reservation, and there is a large wooded picnic area.

Contact: Hyland Lake Park Reserve Manager
Hennepin County Park Reserve District
Route 1, Box 32
Maple Plain, Minnesota 55359
(612) 473-4693

LAKE REBECCA PARK RESERVE

Open all year, daytime / 2,283 acres land & water / public

Location: Near Rockford; entrance on County Rd. 50 about two miles south of the junction of County Rd. 50 and Minn. Hwy. 55.

This county park reserve has predominately open, gently rolling land, punctuated by scattered wood lots, forest cover, fence line hedgerows, potholes and marshes. The 500 acres of forest are composed primarily of basswood, maple, ash, sumac, cottonwood, ironwood and elm. As the land has reverted from an agricultural to a natural state, wildlife has increased markedly. Marsh restoration has been a major component in the wildlife management program. During the peak of the fall migration literally thousands of ducks and geese may be seen here. The reserve includes shoreline along Lake Rebecca, Rattail Lake and the Crow River.

Facilities include a group day camp (available by reservation), picnic grounds and a beach. Fishing will begin in 1974 following a State lake treatment and restocking program. Nature study programs are offered on selected weekends during the summer. The staff will be happy to work with schools or other groups involved in nature study using the day camp as an outdoor lab.

Contact: Lake Rebecca Park Reserve Manager
Hennepin County Park Reserve District
Route 1, Box 32
Maple Plain, Minnesota 55359
(612) 473-4693

LOWRY WOODS

Open all year, daytime / 14 acres / private

Location: On north side of Cty. Rd. 84 one-half mile west of the junction with Cty. Rd. 135 north of Navarre and west of Wayzata.

Lowry Woods is an example of the forest that covered much of the land around Lake Minnetonka at the time of European settlement. The woods is largely in original condition although at one time part of the land was used to produce ginseng. A ravine skirts the east edge of the property and one poorly-drained portion of the woods was once ditched to this draw.

The principle trees present are red oak, sugar maple, basswood, and quaking aspen; ironwood forms a conspicuous understory in parts of the woods. Common shrubs include gray dogwood, roundleaf dogwood, staghorn sumac, poison-ivy, and beaked hazel. Native wild flowers abound and there is an exceptionally fine stand of sharplobe hepatica in spring.

The Nature Conservancy, which owns this land, has established certain rules designed to preserve and protect the environment. Such activities as camping, picking flowers, picnicking, and hunting are not permitted.

Contact: Albert Johnson
Horticultural Research Center
Route 1, Box 746
Excelsior, Minn. 55331
(612) 474-9440

LYNDALE PARK ROSE GARDENS

Open warm months / 35 acres / public

Location: From Dupont Avenue South to Lake Harriet and from West 42nd St. to Lakewood Cemetery; drive south on Lyndale to West 42nd St., then turn west on 42nd St. until you cross Dupont (Kings Highway) and reach the park.

In the summertime the fragrance of massed flowers — more than five thousand roses, an iris garden, a dahlia garden, and the largest collection of perennials in the state — is almost overpowering. Besides the formal gardens, there is an open area with a large collection of trees and two fountains, the Phelps Fountain and the Heffelfinger Fountain, surrounded by benches. The Roberts Bird Sanctuary, at one end of the park, is made up of considerable low land in which waterfowl are found, some wooded areas, and a small hill covered with sugar maple. Lake Harriet is across the street from the park. The area contains no overnight sites or buildings. A gardener is on duty from April to November; Audubon Society members use the bird sanctuary year round.

Contact: Minneapolis Park Board
250 S. 4th St.
Minneapolis, Minn. 55415
(612) 348-2222

MARGARET GABLE TUSLER SANCTUARY

Open all year, daytime / 10 acres / private

Location: Take Hardscrabble Point Road off of Cty. Rd. 44 south of Mound.

This tract is a small pothole pone in a woodland setting. The woodland is composed of mature sugar maple, basswood, red oak, bur oak, and bitternut hickory. Bur oak and red cedar dominate a high dry ridge that separates the pond from Cty. Rd. 44. Poison-ivy is common along the pathway leading around the pond and up the ridge. The principle feature is the pothole bog with its associated water plants and animal life.

The area is owned by the Nature Conservancy and is open to students and researchers. Camping, picnicking, and vehicular traffic are prohibited, as well as any activities that would damage the environment; a complete list of rules can be obtained from the person listed below.

Contact: Albert Johnson
University of Minnesota
  Horticultural Research Center
Route 1, Box 746
Excelsior, Minn. 55331
(612) 474-9440

MINNEHAHA DEPOT

Open Sunday afternoons, Memorial Day to Labor Day / public

Location: In Minnehaha Park near South 49th St. in Minneapolis.

This ornate little railroad station, nicknamed the "Princess," replaced a smaller depot in the 1870s. Hundreds came daily to board trains for the five-cent ride to work downtown. Soldiers worked alongside the station agent to dispatch trainloads of troops and supplies in and out of Fort Snelling during campaigns from the Spanish-American War to the Korean conflict. The Milwaukee Road closed the station in 1963 and gave it to the Historical Society. Since then it has received a new roof and been restored to its 1870s appearance. On Sunday afternoons during the summer, members of the Minnesota Transportation Museum, Inc., answer questions of visitors at this charming site where Victorian ladies and gentlemen once disembarked in style for a picnic in the park.

Contact: Historic Sites Department
Minnesota Historical Society
Building 25, Fort Snelling
St. Paul, Minn. 55111
(612) 726-1171

MINNEHAHA FALLS LOWER GLEN

Open all year, daytime / 50 acres / public

Location: Downstream from Minnehaha Falls to Mississippi River; access down from Wabun Picnic Area, or Minnesota Soldiers' Home, or Fort Snelling Drive; approach from Minn. Hwy. 55, Hiawatha or Minnehaha Avenues, or Godfrey Parkway.

As the Minnehaha Falls receded westward, the falls cut and left a deep gorge in the native limestone and sandstone. Today a visitor can see mature lowland shrubs, the falls, the river front, bogs, a former millpond, trails and steps, and the entrance of the creek into the Mississippi River. Sioux tribes seeking protection from Fort Snelling against invading Chippewa tribes once camped here. The falls are said to have inspired Longfellow's "Song of Hiawatha," and there is a statue of Hiawatha near the creek. The area is well suited to visits by casual, informal groups, and by groups of schoolchildren. There are no camping facilities within the area, other than circles for campfires and the Minnehaha Refectory.

Contact: Gordon Morrison
Minneapolis Park Board
250 S. 4th St.
Minneapolis, Minn. 55415
(612) 348-2222

MINNESOTA VALLEY NATURE CENTER

Open all year, daytime / 52 acres / public

Location: At 6601 Auto Club Road, Bloomington; go south on Normandale Road from U.S. Hwy. 494 to Masonic Home at River Bluff, then west about three-fourths mile.

The Minnesota River winds through this tract. Other features of the terrain include springs, trout stream, pond, river bluffs, a floodplain forest, and an upland forest. Two huge cottonwoods are on the property; they are the largest in the county, if not the state.

The Center holds teacher training sessions on environmental education. There are trails and tour guides available, and, in summer, a naturalist.

Contact: James A. Jones
Mpls. Chapter, Isaac Walton League
(612) 944-1788 or (612) 647-6272

or Resident Caretaker
Nature Center
(612) 944-1423

MORRIS T. BAKER PARK RESERVE

Open all year, daytime / 1,930 acres land & water / public

Location: Entrance on County Rd. 19 midway between Minn. Hwy. 55 and U.S. Hwy. 12.

Upland hardwoods — the oak, hickory and maple-basswood associations — form the majority of the 287 acres of forest in the reserve. Lowland forests of willow, dogwood and cottonwood also exist. The 483 acres of marsh within this reserve provides excellent nesting areas for waterfowl. The reserve also includes 1,150 acres of open land. About 4,300 feet of hard sand shoreline on Lake Independence provides an excellent area for swimming and boating.

Facilities in this county park reserve include campgrounds, picnic sites, day camp shelters, horse trails and a swimming beach. Nature study programs are offered on weekends during the summer. The staff will be happy to work with schools or other groups involved in nature study using the day camps as outdoor labs.

Contact: Morris T. Baker Park Reserve Manager
Hennepin County Park Reserve District
Route 1, Box 32
Maple Plain, Minnesota 55359
(612) 473-4693

THE NATURE CENTER IN CARVER PARK RESERVE

Open all year, daytime / 400 acres / public

Location: Southwest of Lake Minnetonka between Minnesota Hwy. 5 to the south and Minn. Hwy. 7 to the north. Access to the Nature Center is via Carver Co. Rd. 11 which runs from approximately St. Bonifacius on State Hwy. 7 to the north to the Village of Victoria on State Hwy. 5 to the south. The entrance sign is located approximately halfway between these two road junctions.

The Carver Nature Center lies on the hills of the St. Croix end moraine. A 400 acre site within the 3,000 acre Carver Park Reserve which by itself has unique wildlife and open space value, the Center's major habitat types include swamp, marsh, meadow, hardwood forest, pond, tamarack, and old field. Approximately 30% of the area is wooded, another 20 to 30% is water or wetland, the remaining, old farm land.

A paved access road is provided to the Nature Center Interpretive building which is surrounded by a trail network into the program area. The Nature Center offers a dining area, classrooms, bookshop, library, and limited laboratory space. Not within the Nature Center area, but within Carver Park Reserve, there is a tent campground, a picnic area, a daycamp area, and a waterfowl management area and program. Overnight camping is available in the Park Reserve, and for special programs a small kitchen is available at the Nature Center. Campgrounds may be used during the off season only by special permit.

Seven full-time naturalists are on duty at the Center 365 days a year. Environmental programs are offered on a year round basis and are open to any groups by reservation. It is suggested that reservations be made well in advance because of the current demand for Center programs.

Contact: Nature Center in Carver Park
Route 1, Box 690
Excelsior, Minn. 55331
(612) 472-4911

THE NATURE CENTER IN HYLAND LAKE PARK RESERVE

Open all year, daytime / 200 acres / public

Location: In Bloomington with access from Interstate 494 west and the Bush Lake Road exit or via 84th Street to the west from Normandale. Follow either of these routes to E. Bush Lake Road thence south to the Nature Center Entrance.

The Hyland Lake Nature Center lies within the 1,000 acre Hyland Lake Park Reserve and uses approximately 200 acres for its program area. The site is of moraine origin and includes Mt. Gilboa, the highest point in Hennepin County. About 30% of the Center is wooded, another 30% is in meadow and tall grass prairie coverage, and 20% is in water and wetlands. The Center has a dining area, classrooms and laboratory space. The Park Reserve has a sizeable picnic and day camp area. No maintained camping areas are available at Hyland. Two full-time naturalists are on duty at the Hyland Lake Nature Center five days a week. Environmental programs are offered year round and are open to groups by reservation. Because of the demand for programs at the center, reservations should be made well in advance.

Contact: Nature Center in Carver Park
Route 1, Box 690
Excelsior, Minn. 55331
(612) 472-4911

PALMER LAKE NATURE AREA

Open all year, daytime / 200 acres /private

Location: Sections 26 and 27, T 119N, R 21W; access from County Rd. 130 on south side of site, between Lyndale Ave. (Hwy. 169) and Brooklyn Blvd. (Hwy. 152).

Palmer Lake Nature Area is in the planning stages now. The soil is wet, sand-peat subtype, and the ground is mostly low and marshy. Palmer Lake is about 58 acres in size and varies in depth from 0.5 to 8.0 feet. Succession is well-defined on this site and is evident along the lake shore where water plants are abundant. On the higher ground some tamarack trees are growing. Vertical species displacement can be traced on the site.

Shingle Creek flows into the north end of the lake and harbors a rich abundance of aquatic life. The lake and surounding marshy areas are home for wild ducks, birds, and many small mammals.

Plans call for improvements such as walks, shelters, bird blinds, and so forth. No schedule has been set for these improvements. The area is not open to camping or to the public as yet. In its present condition visitors are limited to students or researchers.

Nature Center Interpretive Building at Carver Park Reserve contains classrooms, dining area, bookshop and library.

Contact: Park and Recreation Dept.
6301 Shingle Creek Parkway
Brooklyn Center, Minn. 55430
(612) 561-5440

SCENIC SANCTUARY

Open all year, daytime / 4 acres / school site

Location: Adjacent to Scenic Heights Elementary School, 5650 Scenic Heights Drive, Minnetonka, Minn. 55343.

This small site provides for several study areas for school students. A woodlot containing different species of trees and bushes allows habitat study of animals and birds. There is a prairie and grassland area to allow study of grassland ecology. A pond has been dredged and the marshy area around it allows aquatic investigations.

Elementary school students use the site in conjunction with programs from the Environmental Science Center in Golden Valley.The area is not open to camping.

Contact: Richard Oelkers
Scenic Heights Elementary School
5650 Scenic Heights Drive
Minnetonka, Minn. 55343
(612) 938-6309

SOUTH MINNEHAHA ADDITION

Open all year, daytime / 20 acres / public

Location: Mississippi riverfront between Fort Snelling State Park and Minnehaha Falls Park; at the intersection of East 54th St. and Fort Snelling Drive Parkway.

Virgin prairie — with such plants as Big and Little Bluestem, Sage, Allium, Rose, and Leadplant — and mature upland hardwood forest of hickory, maple, oak, wahoo, sumac, hornbeam, blue beech, and dogwood skirt the riverfront here. Along the 900 feet fronting on the river, one can see high sandstone and limestone bluffs, alluvial deposits left by the river, and many strata in its bed. This site was never held or used privately since the Louisiana Purchase, but it was part of former Camp Clearwater, and building foundations left by explorers and military men are visible. The area is especially appropriate for visiting by casual, informal groups or (by prior arrangement) by groups of 25 or more. There are no camp facilities on the grounds but the Minnehaha Refectory is in the adjacent Minnehaha Falls Park.

Contact: Gordon L. Morrison
Minneapolis Park and Recreation Board
250 S. 4th St.
Minneapolis, Minn. 55415
(612) 348-2222

THE LOTUS BEDS

Open all year, daytime / 4.5 acres / private

Location: Reached via Lotus Drive off of Cty. Rd. 44 south of Mound; on Halsteds Bay, Lake Minnetonka.

Four and one-half acres of sugar maple woods front on the lotus beds along the south shore of Halsteds Bay of Lake Minnetonka. The lotus is spread extensively in the shallow water of the bay. Its rootstock and seeds are edible and relished by muskrats and squirrels. When in flower from late July through August the lotus has large cream-colored blossoms held well above the large disk-shaped leaves.

The wooded ravine leading down to the lotus beds contains, besides the predominant sugar maple, red oak, American elm, slippery elm, basswood, and an understory of ironwood. Violets, trilliums, and jack-in-the-pulpit bloom in season. Near the lake shore the upland trees give way to willows and cottonwood; near the road entering the property is a grove of quaking aspen.

The Nature Conservancy, which owns the property, has strict rules designed to preserve it. Camping, picnicking, and vehicular traffic are forbidden, among other things.

Contact: Albert Johnson
Horticultural Research Center
Route 1, Box 746
Excelsior, Minn. 55331
(612) 474-9440

WEST RIVER BANK AND SEVEN OAKS

Open all year, daytime / 2 miles / public

Location: From E. Franklin St. to Ford Bridge, the area between the Mississippi River and West River Road.

Winding alongside of the Mississippi River, this park offers more than just pretty trees. It includes: a limestone cave sink hole at Seven Oaks; virgin Prairie beyond tne end of E. 36th St.; huge sand bars; an ancient quarry just north of Lake Street Bridge with limestone, north-facing walls, and ferns; and two miles of high river front with varying depth, bluffs, falls, hardwood forests, and the river gorge left by St. Anthony Falls as it receded northward. There are numerous parking areas, picnic sites, overlooks, and trails, but no overnight camping sites; the Minnehaha Refectory in Minnehaha Falls Park and the Matthews Park Center in Matthews Park are nearby. The area is especially appropriate for visits by casual, informal groups or by groups of 25 or more.

Contact: Gordon L. Morrison
Minneapolis Park Board
250 S. 4th St.
Minneapolis, Minn. 55415
(612) 348-2222

Thousands of nature students, both young and old, study marsh life at Wood Lake Nature Center.

WOOD LAKE NATURE CENTER

Open all year, daytime / 150 acres / public

Location: At 735 Lake Shore Drive, Richfield; or, one block west of Lyndale Avenue So. between 67th and 68th Streets.

Wood Lake is composed primarily of alkaline marsh with this type of habitat's plant and animal life, including numerous species of waterfowl, shorebirds, songbirds, and small mammals. The marsh is accessible at several points by open and enclosed observation and photography blinds, observation decks, and a floating bridge. Observers can see Red-headed ducks, Ruddy ducks, Blue Wing Teal, Mallard, and (sometimes) the majestic Great Blue Heron. Bordering the marsh is a lowland forest; cottonwoods are the most prevalent trees here. Fifteen acres of grassland are being planted with native prairie species. In the warm months, visitors may picnic, but there are no overnight sites. Naturalists are on duty all week. Programs are available for preschoolers through senior citizens and, currently, the center is featuring a program for the blind. There is a museum, auditorium, office space, workshop, and restrooms.

Contact: 735 Lake Shore Drive
Richfield, Minn. 55423
(612) 861-4507

State Wildlife Management Areas

Unit Name	*Nearest Town*
Schmidt	Champlin

High wooded bluffs flank Beaver Creek in Beaver Creek Valley State Park.

HOUSTON COUNTY

BEAVER CREEK VALLEY STATE PARK

Open all year / 613 acres / State land

Location: Three miles west of Caledonia.

Beaver Creek Valley is a beautiful, narrow, two-mile long valley flanked by steep bluffs, some rising to the height of 300 feet, and covered with extensive sandstone and limestone outcroppings. The park is located in the unglaciated portion of Minnesota. A trout stream rises from artesian springs and threads its way through the park to a rendezvous with the Root and Mississippi Rivers.

Facilities include campsites, pioneer group camp, picnic areas, and nature trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

CALEDONIA OAKS

Open all year, daytime / 80 acres / private

Location: West 0.2 miles from Freeburg on Minn. Hwy. 249, then north and northwest 0.6 miles to Heimerdinger Farm on west; walk one-half mile southwest, then northwest up valley.

Caledonia Oaks is a tract of 80 acres of deciduous woodland on both sides of a ravine whose intermittent stream flows south and east. Adjacent high ground is farmed by Mr. and Mrs. Heimerdinger, who must give permission to cross their land to reach the area. The slopes facing southwest are covered mostly with white oak, bur oak, and red oak of about the same age, suggesting that cessation of fires at the time of settlement permitted their growth. Other trees include shagbark hickory, basswood, butternut, elms and sugar maples. Deer and fox use the snug ravine as a retreat and birds are common. Runoff from the fields has caused serious gullying at some points. Small groups of students or conservation-minded persons are welcome to visit. There is no camping. The Nature Conservancy, owner of the site, requires visitors to avoid activities that destroy or alter the natural state of the site; specific regulations are available from its office.

Contact: Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

CAMP WINNEBAGO FOR THE MENTALLY RETARDED

Open all year / 116 acres / private

Location: Five miles south of Caledonia on Cty. Rd. 5.

Buildings for the camp are on an upper plateau, and in a lower valley are picnic areas, and space for tents and trailer campers. Several natural springs and a trout stream flow through the meadow, and the hillsides are covered with flowers in spring. Camp Winnebago is a tri-state camp open to retarded children and adults (capacity: 26); their families may camp in the valley. Winterized buildings may be rented for retreats, snowmobiling, and winter sports.

Contact: Mr. and Mrs. Jerome Housker
Spring Grove, Minn. 55974
(507) 498-3894

WILDCAT PARK

Open warm months / 202 acres / public

Location: South of the Brownsville Village limits on Minn. Hwy. 26.

This county park is a sandy beach area on the Mississippi River, leased from the U.S. Corps of Engineers and the Upper Mississippi Fish and Wildlife Service. Directly adjacent to this park is a natural area for ducks and other waterfowl. The site is open for picnicking, fishing, swimming, boating.

Contact: Houston County Planning Commission
Virgil J. Johnson, Chairman
104 E. Grove
Caledonia, Mn. 55921

HOUSTON COUNTY
WABASHA COUNTY
WINONA COUNTY

UPPER MISSISSIPPI RIVER WILDLIFE AND FISH REFUGE

Open all year / 195,000 acres / federal land

Location: From Lake Pepin's outlet to Rock Island, Ill. along the Mississippi River; access at various river towns and boat landings.

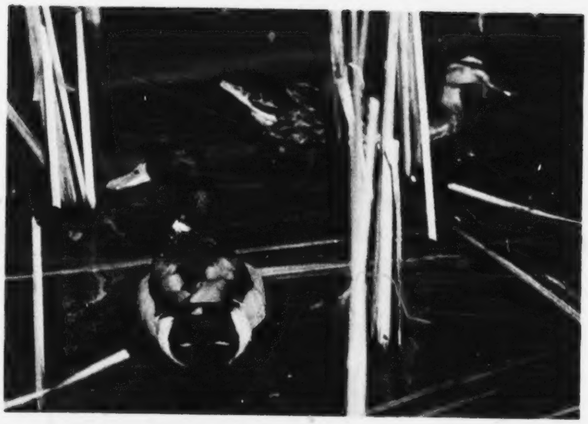
This national refuge extends nearly 285 miles along the upper reaches of the Mississippi. The acreage offers a wide variety of habitat types: vast marshes, sloughs and lakes; damp slough-grass and sedge meadows; sand prairies; and riverbottom forests of mixed composition, with elm, silver maple, river birch, ash and cottonwood dominant. Precipitous limestone cliffs and steep wooded slopes are adjacent to the refuge in many places.

There are many species of mammals: least shrew, little brown myotis bat, woodchuck, grey and fox squirrels, beaver, muskrat, red fox, raccoon, mink, striped skunk, river otter and white-tailed deer. The refuge is a major waterfowl migration resting area and raises thousands of wood ducks. The bottoms harbor many herons, egrets and rails. Large numbers of bald eagles are present in early and late winter.

Part of the refuge is open to public hunting during state and federal seasons; part is closed for protection of migratory waterfowl. Commercial campgrounds, excursion trips and boat rentals are available in the vicinity. All camping on the refuge is primitive with no facilities available. An overland route would be U.S. Hwy. 61.

Guided tours may be arranged in advance for schools and conservation clubs, except during fall hunting seasons.

Contact: Refuge Manager
Upper Mississippi Refuge
Box 226
Winona, Minn. 55987



Waterfowl, shore birds and many species of mammals live within Upper Mississippi River Wildlife and Fish Refuge.

HOUSTON COUNTY
WINONA COUNTY

O. L. KIPP STATE PARK

Open all year, daytime / 1,175 acres proposed / state land

Location: One mile north of LaCrescent.

The proposed state park is a strip of land four miles long embracing the scenic bluffs along U.S. Hwy. 61 between Desbach and LaCrescent. Acquisition of the land has not been completed, and no facilities have been constructed.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

HUBBARD COUNTY

BADOURA STATE FOREST

Open all year, daytime / 15,224 acres / state land

Location: 8 miles south of Akeley on State Hwy. 64.

Much of Badoura State Forest was hard hit by a fire about 12 years ago and is slowly recovering. The terrain is flat, the soil sandy, and the predominant tree jack pine. The CCC once planted many trees here and left an old camp in the forest. There is now a tree nursery and the forest is being managed to produce timber for sale. Persons interested in logging operations should visit this forest, but plans should be made well in advance. About one-fourth of the forest is state-owned; the rest is privately owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

CAMP THUNDERBIRD

Open warm months / 501 acres / private

Location: Twelve miles south of Bemidji on Minn. Hwy. 71.

Camp Thunderbird has two resident camps, one for boys and one for girls, located on the south end of Lake Plantagenet. The camps have about five miles of shore line with sandy beaches and swimming areas which go out nearly 100 feet before becoming deep water. The boy's camp is in a climax forest of norway, jack, and white pines, with some marshy areas. The girls' camp was a farm and resort until a few years ago and has a climax forest of maple, elm, basswood, birch, ash and other deciduous trees. During the summer the campers are taught nature lore and ecology. The boys have 25 cabins, capacity 250 total; the girls have 12 cabins, capacity 120 total; plus a dining hall. Other groups could rent the facilities during spring and fall.

Contact: Allen L. Sigoloff
7 Wedgewood Lane
St. Louis, Missouri 63141
(314) 542-1118

Old stump wears a cap of snow in Paul Bunyan State Forest.

PAUL BUNYAN STATE FOREST

Open all year / 102,440 acres / state land

Location: From Bemidji, take U.S. Hwy. 71 south to ranger station at Guthrie.

Now covered mostly with aspen, birch, and ash, and featuring numerous potholes, Paul Bunyan State Forest has survived numerous severe fires since the logging days of the 1900s. The old railroad grades at one time hauled logs from the forest to a large mill at Akeley; they are visible today. Schoolcraft River winds through the forest; it is named after Henry Schoolcraft, who took this route while searching for the Mississippi's source in 1832.

A cluster of small lakes, named the Gulch Lake Complex, provides campsites, picnic areas, a hiking trail, and boat accesses. There are additional campsites and picnic areas at Mantrap Lake. The Paul Bunyan horseback riding and snowmobile trail extends 82 miles.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

WILDERNESS CAMP

Open all year / 2300 acres / scout camp

Location: From Park Rapids take County Rd. 4 going north 12 miles to Emmaville, then east one and one-half miles and north to camp.

This Boy Scout camp includes Bad Axe Lake, Buck Lake, Reed Lake, Lily Lake, and Mantrap Lake, as well as several marshy areas in which live beaver, ducks, and muskrats. The camp area is an auxilliary forest and the Boy Scouts have planted ten thousand pines each year since 1947; most of the area is hilly, covered with brush and trees — a varied habitat ideal for white-tailed deer and ruffed grouse. Buildings include 19 cabins, a dining hall and a classroom; there is a well-marked snowmobile trail. Capacity: 150.

Contact: Red River Valley Council
Boy Scouts of America
301 S. 7th St.
Fargo, N.D. 58102
(701) 293-5011

State Wildlife Management Areas

Unit Name	*Nearest Town*
Birch Creek	Lake George
Kabekona	Walker
Lowe	Park Rapids
Rockwood	Bemidji
Wolf Lake	Cass Lake

HUBBARD COUNTY
WADENA COUNTY

HUNTERSVILLE STATE FOREST

Open all year / 33,222 acres / state land

Location: At Huntersville.

Huntersville State Forest has had a series of tree plantations over many years, so visitors can see the stages of maturation of trees. The terrain is flat with poor soil covered with jack pine. The Crow Wing River canoe route goes through the forest and there is a good trail system in addition. At the Shell City Landing Campground can be found the remains of a button factory.

Facilities include three primitive campgrounds, boat ramps, fishing spots, and a riding trail. About half the area is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

ISANTI COUNTY

State Wildlife Management Areas

Unit Name	*Nearest Town*
Athens	Isanti
Cranberry	Ogilvie
Crooked Road	Isanti
Dalbo	Dalbo
Dobe	Dalbo
Marget	Isanti
Rice Creek	Braham
Spectacle Lake	Spencer Brook

ITASCA COUNTY

BIG FORK STATE FOREST

Open all year / 124,070 acres / state land

Location: From Deer River, go northwest on Minn. Hwy. 46 to Cty. Rd. 29, then east two miles past Wirt, then take Cty. Rd. 14 east on Cty. Rd. 14 two and one half miles.

Big Fork State Forest has an interesting attraction for lumbering buffs: the Rajala Saw Mill on Big Fork River. The tract has mostly spruce, balsam, and aspen covering clay soils on rolling ground. There are deer, fur bearers, wolves, and grouse, and small mammals. The remnants of the Plum Creek WPA Camp can be seen.

Facilities include good snowmobile trails, campsites, picnic areas, boat access, fishing, and canoeing. About two-fifths of the land is state-owned.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720
or Box 825
Bemidji, Minn. 56601

CAMP HIAWATHA

Open all year / 80 acres / private

Location: From Grand Rapids, take Minn. Hwy. 38 north for 11 miles, then County Rd. 19 three miles west.

Camp Hiawatha is on the northeast bay of Deer Lake and includes Moose Lake in its acreage. Most of the area has a hardwood forest, but there is a large open playground near Deer Lake for baseball and other games. Other facilities include cabins and dormitories, trailer sites, tenting areas, boats, canoes, and a chapel. Families and children grades 4 through senior high use the camp during the summer as a Lutheran Bible Camp, and part of their instruction concerns ecology. Others may rent the facilities for confirmation classes, congregational meetings, ski or snowmobile weekends, ministerial meetings, and so forth.

Contact: Rev. Reuben Johnson
Zion Lutheran Church
Grand Rapids, Minn. 55744
(218) 326-5256

CAMP MISHAWAKA

Open warm months / 242 acres / private

Location: From Grand Rapids go five miles south on U.S. Hwy. 169, then three-quarters mile west.

On Pokegama Lake, Camp Mishawaka has separate units for boys (capacity 185) and girls (capacity 125) and for "trip camp," for teenagers whose main interest is canoe trips to Canada. The forest is mixed deciduous and coniferous and includes a 16-acre tree plantation. The entire area abounds in wild flowers, animal and bird life. Back bays of the lake contain many marshy areas. A gravel pit is nearby. During the summer, the facilities are used by children; during other months they may be rented by groups.

Contact: Nick Larsen, associate director
Camp Mishawaka Inc.
P.O. Box 368
Grand Rapids, Minn. 55744
(218) 326-5667 (Winter)
(218) 326-5011 (Summer)

CAMP RUBY LAKE

Open warm months / 10 acres / scout camp

Location: Go 12 miles north of Grand Rapids on Minn. Hwy. 38, then turn right at Camp Ruby Lake sign and follow road through forest for 11 miles.

Camp Ruby Lake is surrounded by the Chippewa National Forest. The area is dotted with scores of small lakes and frequented by a great variety of wildlife, including loons, raccoons, fox, deer, and occasionally moose. An environmental educator plans programs with 96 Girl Scout campers during the summer months. There are cooking, sleeping, and sanitary facilities for a resident camp, but none of the buildings are winterized. The camp is open for educational purposes to other groups by reservation.

Contact: Greater Minneapolis Girl Scout Council
200 Gorham Building
7th St. & 2nd Ave. North
Minneapolis, Minn. 55403
(612) 338-0721

CHAPMAN FORESTRY PLANTATION

Open all year, daytime / 40 acres /public

Location: One mile east of Grand Rapids on U.S. Hwy. 169.

Chapman Forestry Plantation was made in 1900 and continuous growth records have been kept since 1915 — the oldest continuous growth records in America. The area was planted with red, white, jack, and scotch pine. The University's North Central Experiment Station is located on the same property which is also used by Itasca State Junior College. There is a forestry program during the school year open to high school graduates. The area is not open to camping or to motorized vehicles.

Contact: William Matalamaki, Supt. or
Bill Cromell, Forester
N.C. School and Exp. Station
Grand Rapids, Minn. 55744

COTTONWOOD LAKE CAMPGROUND

Open all year / 13 acres / public

Location: Northwest of Grand Rapids; take Minn. Hwy. 38 to County Road 19 to County Road 23.

Once a homestead, the campground was planted with Norway Pine and spruce about 15 years ago and made suitable for campers by adding fireplaces, a boat landing, wells, pit toilets, and a parking lot. The camp is on one side of Cottonwood Lake. The area is hilly, sloping gently to the lakeshore. There are many bird species as well as beaver, muskrats, and other small animals. Deer pasture nearby all summer. Open to the public.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

CROOKED LAKE ENVIRONMENTAL CAMP

Open all year / 160 acres / school site

Location: Twenty miles north of Grand Rapids on Minn. Hwy. 38; on Crooked Lake.

This school site is most easily reached by canoe; otherwise visitors must hike a mile through the forest. The terrain is rugged, with frequent rock outcroppings, some marshy areas, and a predominantly Norway pine forest. There is a storehouse on the shore of Crooked Lake but no other buildings or facilities. Students from Grand Rapids schools are taught environmental awareness at ten-day summer sessions; they camp on the lakeshore. These sessions, for grades 4 to 12, may be extended into spring and fall at some future time.

The site is not open for public camping and picnicking.

Contact: William Gray
Southwest Elementary School
Grand Rapids, Minn. 55744

GEORGE WASHINGTON STATE FOREST

Open all year / 306,000 acres / state land

Location: From Nashwauk, go north on Minn. Hwy. 65 12 miles.

The George Washington State Forest was created in 1932 to commemorate the 200th anniversary of the birth of our first President. The land is both level and rolling. The uplands support stands of Norway pine, white pine, birch, aspen, balsam, and white spruce, and the lowlands produce black spruce, tamarack, white cedar, ash, and elm. Scattered through the area are 200 lakes totalling more than 15,000 acres. The lakes provide boat landings, swimming beaches, and water skiing; others offer waterfowl hunting or wild rice. The Big Fork Canoe Route lies just west of the forest.

Berry pickers can find blueberries, cranberries, strawberries, wild plum, blackberries, and raspberries. Wildlife includes weasel, squirrel, porcupine, timber wolf, white tail deer, black bear, and moose. Birdwatchers will find the yellow warbler, chickadee, loon, mallard duck, bald eagle, and many more.

The Civilian Conservation Corps program helped to construct campgrounds, roads, plantations, and conservation projects. Today there are seven primitive campgrounds (no electricity) and numerous picnic sites, plus a snowmobile trail.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

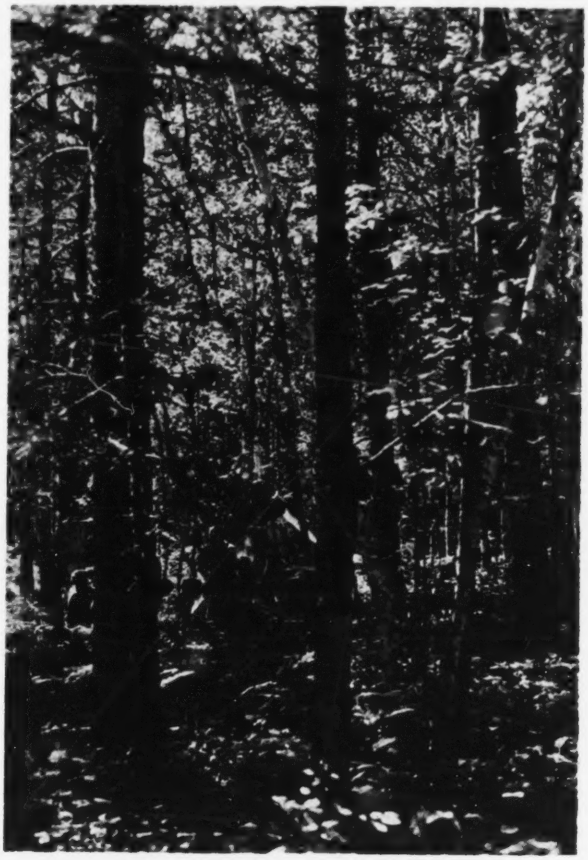
GOLDEN ANNIVERSARY STATE FOREST

Open all year, daytime / 6,800 acres / state land

Location: From Grand Rapids, go southeast on Cty. Rd. 3.

This forest stretches along the Mississippi River. The sandy soil is level and forested with pine; there are several tree plantations and deer yards. Two-sevenths of the forest is state-owned.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720



Environmental awareness sessions are conducted each summer at Crooked Lake Environmental Camp near Grand Rapids.

NATURAL AREA NO. 1

Open all year, daytime / 489 acres / public

Location: About 19 miles east of Grand Rapids on Minn. Hwy. 65; Section 5, T 53, R 22.

The site is a bog typical of those found in northeast Minnesota. Tamarack, black spruce, and northern white cedar cover the area in varying densities and proportions. There is a marshy lake of approximately eight acres. One of the county land department personnel will act as a naturalist for hikers and nature students. Camping is not permitted and there are no developed trails.

Contact: Itasca County Land Dept.
Courthouse
Grand Rapids, Minn. 55744
(218) 326-2019

NATURAL AREA NO. 2

Open all year, daytime / 160 acres / public

Location: About four miles west of Grand Rapids on U.S. Hwy. 2, then north on County Road 62 to County Road 256, then west about four miles.

This hilly, rugged site has a stand of virgin white and Norway pine, plus upland hardwoods, aspen, and birch. The area is typical of the virgin forest which once covered most of this part of the state. One of the county land department personnel will act as a naturalist for hikers and nature students. There is no camping.

Contact: Itasca County Land Dept.
Courthouse
Grand Rapids, Minn. 55744
(218) 326-2019

NATURAL AREA NO. 3

Open all year, daytime / 722 acres / public

Location: Go west of Grand Rapids on U.S. Hwy. 2 to Deer River, then north on Minn. Hwy. 6 about 28 miles.

This area, thickly forested with white spruce, balsam, and bottomland hardwoods, is adjacent to the Big Fork River which has been designated and preserved as a "scenic river." One of the county land department personnel acts as a naturalist for hikers, canoeists, and nature students. There is no camping.

Contact: Itasca County Land Dept.
Courthouse
Grand Rapids, Minn. 55744
(218) 326-2019

NATURAL AREA NO. 4

Open all year, daytime / 493 acres / public

Location: Go 21 miles north of Grand Rapids on Minn. Hwy. 38, then east on County Rd. 49 about 4 miles to Crooked Lake public access, then north 2 miles.

The finely-textured morainic soils here are covered with upland timber sprinkled with pockets of spruce. The area includes shoreline on Crooked Lake and on Fishhook Lake. The Grand Rapids schools use the area for nature studies during summer. One of the county land department personnel will act as a naturalist to hikers, canoeists, and nature students. The area is open to overnight camping and to boating, but campers are requested to use care to preserve the wilderness condition of the site for the students.

Contact: Itasca County Land Dept.
Courthouse
Grand Rapids, Minn. 55744
(218) 326-2019

NATURAL AREA NO. 5

Open all year, daytime / 258 acres / public

Location: About 14 miles east of Grand Rapids on U.S. Hwy. 2, then south on County Rd. 72 about 5 miles.

The past history of the Mississippi River can be read here by hikers and nature students. Alluvial soils and outwash sandy soils are covered with a pine forest; bottomland hardwoods and scrubby brush grow near a bog by the Mississippi. The River has left oxbows and meanders which a naturalist, one of the county land department personnel, can explain to visitors. Camping is not permitted.

Contact: Itasca County Land Dept.
Courthouse
Grand Rapids, Minn. 55744
(218) 326-2019

O'REILLY LAKE ACCESS

Open all year, daytime / 80 acres / public

Location: From Grand Rapids, take U.S. Hwy. 169 northeast to Bovey, then go seven miles north to Section 5, T 56, R 24.

Springs, streams, lakes and glacial boulders dot the forested site. The area is within an iron ore formation and outcroppings are frequent. Moose, deer, and timber wolves have been seen, as well as an occasional bobcat or coyote. This is an excellent area for geological research by small groups. There is a fireplace, but no camp sites or facilities.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

POKEGAMA FALLS NATURE TRAIL

Camping in summer only / 84 acres / public

Location: About two and one-half miles west of Grand Rapids on U.S. Hwy. 2 on the south side; Government lots 8 and 9 and part of Section 13, T 55, R 26.

Pokegama Falls was once a place where voyageurs had to portage around rapids. Now a federal dam has tamed the Mississippi at this point. The Nature Trail winds along the edge of the river on high ground. Numbered stakes identify various items of interest which are explained in a brochure handed to visitors. Among the items listed are: red-berried elder, juneberry brush, beaked hazelnut, red oak, balm of gilead, and sugar maple. Wild rice grows along the right shore as you cross the dam. There are cooking and camping facilities, including tent and trailer sites.

Contact: Itasca County Land Dept.
Courthouse
Grand Rapids, Minn. 55744
(218) 326-2019

SCENIC STATE PARK

Open all year / 1,335 acres / state land

Location: Seven miles southeast of Big Fork.

Scenic State Park is a wilderness park with two spring-fed northern lakes, several stands of virgin Norway Pine, and a wide variety of vegetation. A self-guided nature trail, the Spruce Bog Trail, leads visitors through a spruce bog area to upland woods on higher sandy ground.

Facilities include an observation tower, campgrounds, pioneer group camp, cabins with fireplaces, showers, and kitchens, picnic grounds, swimming beach, fishing spot, boat rental, and snowmobile, foot and nature trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Morph Meadows	Pennington

JACKSON COUNTY

KILEN WOODS STATE PARK

Open all year / 200 acres / state land

Location: Seven miles northwest of Jackson.

The timbered hills of this state park provide a leafy oasis in the middle of prairie farm land. The rolling hills rise 200 feet above the Des Moines River and are thickly covered with deciduous timber, chiefly oak. At this site in 1857 an outlawed Sioux band under Chief Inkpaduta attacked white settlers, five years before the Sioux Uprising.

Park facilities include a primitive campground, pioneer group camp, a picnic site, a fishing stream, foot trails, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 1,346 acres / federal land

Location: Headquarters in Benson, Minn.

From the office at Benson, 10 Federal Wetland units are administered in Jackson County. All of the units have terrain typical of the prairie pothole country — marsh, wetland, some upland areas, and a few groves. The units range in size from a few acres to several hundred. They are being managed so as to produce and protect waterfowl.

None have sites specifically developed for environmental education, but many can serve this purpose well. Interested groups, particularly school children, are welcome to tour the units; groups should consult the headquarters office prior to the trip. Guided tours are available, but groups should bring their own teacher.

Most units open to hunting.

Contact: Wetland Management District Office
Benson, Minn.
(612) 842-9511

State Wildlife Management Areas

Unit Name	*Nearest Town*
Arzt	Alpha
Bootleg	Lakefield
Caraway	Windom
Cotton-jack	Heron Lake
Crosse	Heron Lake
Husen	Lakefield
Illinois	Round Lake
Laurs Lake	Windom
Little Sioux	Lakefield
Minneota	Lakefield
Pavelko	Lakefield
Pletz-Klima	Lakefield
Round	Round Lake
Sanal	Lakefield
Sioux Valley	Round Lake
Skunk	Sioux Valley
Summers	Lakefield
West Heron	Okabena
Winkler	Heron Lake

KANABEC COUNTY

SNAKE RIVER STATE FOREST

Open all year, daytime / 8,836 acres / state land

Location: East of Woodland a few miles.

This is a small forest in rolling, scenic country. The Snake River, a canoe route, goes through the forest. The trees are primarily aspen and northern hardwoods, with several tree plantations. Wildlife include beaver, grouse, deer, and small mammals. Students could possibly camp in a clearing near the forest, but there are no established campsites. Seven-eighths of the forest is state-owned.

Contact: Regional Forester
2300 Silver Creek Rd.
Rochester, Minn. 55901

State Wildlife Management Areas

Unit Name	*Nearest Town*
Ann Lake	Ogilvie
Bean Dam	Woodland
Hay-Snake	Woodland
Lake Five	Sandstone
Rice Creek	Braham
Tozier Creek	Ogilvie
Whited	Mora

KANABEC COUNTY
MILLE LACS COUNTY

MILLE LACS WILDLIFE MANAGEMENT AREA

Open all year / 37,964 acres / state land

Location: Two miles southeast of Onamia and eight miles northwest of Mora.

Mille Lacs Wildlife Management Area, owned by the state, was once part of the white-pine forest. Logging operations removed this timber, changing the forest type to a mixed hardwoods and brushland. Seventeen stream branches within the area eventually form the Rum, Knife, Groundhouse, and Ann Rivers. Three large impoundments of acreages for waterfowl have been completed. Habitat for various animals is steadily being improved, so that today there are huntable populations of white-tailed deer, black bear, ruffed grouse, fox, rabbits, bobcats, raccoon, and waterfowl, plus trapping seasons for beaver, otter, mink, and muskrats.

About 25 miles of forest-game access trails exist. Groups wishing to tour the area are advised to contact the resident manager. Strict regulations are in effect at all wildlife management areas regarding camping, vehicular traffic, firearms, hunting, and campfires.

Contact: Resident Manager
Mille Lacs WMA
Onamia, Minn. 56359

Logging operation at Rum River State Forest.

RUM RIVER STATE FOREST

Open all year, daytime / 33,180 acres / state land

Location: From Bock go north on Cty. Rd. 24 a few miles.

Within this forest are the Rum River and the Groundhouse River and, adjoining on the north, is the Mille Lacs Wildlife Area. The forest's terrain is flat, with heavy soils, and upland and lowland hardwoods interspersed with grassy meadows. Red oak is the predominant tree; conifers have been planted. There are many grouse and waterfowl and deer. There are no recreational facilities apart from a snowmobile trail. About one-half the land is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401
or Regional Forester
2300 Silver Creek Rd.
Rochester, Minn. 55901

KANDIYOHI COUNTY

SIBLEY STATE PARK

Open all year / 1,360 acres / state land

Location: Seven miles west of New London.

The park is named for Governor Henry Hastings Sibley, a famous hunter, trapper, scout, Indian fighter, and politician, who used the area as his favorite hunting ground for elk and deer. Virgin hardwoods and red cedar cover morainal hills of the kettle and knob type of topography along the sandy shore of Lake Andrew. Mount Tom, the highest point in three counties, is located in the park. It was once used as a lookout point and signal station by the Sioux. The Henderson-Pembina River Trail, a supply route to Fort Abercrombie during the 1860s, traverses the park.

Park facilities include campgrounds, a children's group camp, pioneer group camp, picnic sites, swimming beaches, fishing spots, boat rentals, and short foot, saddle, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

THE SHORES OF ST. ANDREW CHURCH CAMP

Open all year / 56 acres / private

Location: Five miles east of New London adjacent to Sibley State Park on the east side of Lake Andrew; approach from the Sibley Park entrance off U.S. Hwy. 71 about 12 miles north of Willmar.

The camp lies on hilly land covered with a good variety of trees and brush: five acres of northern hardwoods, six acres of oak, one acre of aspen, two acres of red cedar, and patches of sumac, prickly ash, and hazel brush. The camp includes 1,000 feet of shore with sandy beach along Lake Andrew. Facilities are capable of housing 200 persons — eight dormitories, dining hall, and six classroom areas, plus staff buildings. It is open to church groups, 4-H clubs, therapy and health groups, and others as approved by the camp board.

Contact: Lutheran Camp Board, LCA
122 West Franklin Avenue
Minneapolis, Minn. 55404
(612) 336-8324

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 6,483 acres / federal land

Location: Headquarters in Benson.

From the office at Benson, 42 Federal Wetland units are administered in Kandiyohi county. All of the units have terrain typical of the prairie pothole country — marsh, wetlands, some upland areas, and a few groves. The units range in size from a few acres to several hundred. They are managed so as to produce and protect waterfowl.

None have sites specifically developed for environmental education, but some of the units can serve this purpose. Interested groups, particularly school children, are welcome to visit the units; groups should consult the headquarters office prior to the trip. Guided tours are available, but groups should bring their own teacher.

Most units open to hunting.

Contact: Wetland Management District Office
Benson, Minn.
(612) 842-9511

WILLMAR STATE JUNIOR COLLEGE NATURAL HISTORY AREA

Open all year, daytime / 25 acres / public

Location: On the north shore of Foot Lake, at the east end of the junior college campus.

The Natural History Area is a former farm site which has been recently managed to provide a variety of habitats for wildlife. It contains a small remnant of native prairie vegetation, a five acre tract where prairie plants have been replanted, four small ponds, an arboretum for native tree and shrub identification, water and soil demonstration area, and a small conifer stand. The site is an excellent one for observing spring bird-life. Open to the public; tours and educational activities can be arranged through the college.

Contact: Ben Thoma
Willmar State Junior College
Willmar, Minn. 56201
(612) 235-2131

WILLMAR TECHNICAL INSTITUTE FARM

Open all year, daytime / 15 acres / school site

Location: Section 9, T 119N, R 35W; on the south side of the Willmar Vo-Tech campus.

The land is used by the Vo-Tech students for farm crop demonstrations, water and erosion control demonstrations, and a windbreak demonstration. The area has rolling topography and overlooks the city of Willmar and Foot Lake. There are classroom laboratory, and shop buildings on the campus nearby; there are no overnight sites and the area is not open for picnicking. Group tours can be arranged.

Contact: Agriculture Dept.
Willmar Vo-Tech Institute
Willmar, Minn.
(612) 235-5114

State Wildlife Management Areas

Unit Name	*Nearest Town*
Burbank	New London
Dietrich Lange	Spicer
Follies	New London
Gennessee	Litchfield
Kandi	Kandiyohi
Oleander	Sunburg
Reed	Willmar
Ringo Nest	Spicer
Roseville	Paynesville
Willmar	Willmar

KITTSON COUNTY

LAKE BRONSON STATE PARK

Open all year / 1,130 acres / state land

Location: Two miles east of Lake Bronson.

Lake Bronson is an artificial lake with an irregular shore line created by impounding the south branch of two rivers. The base of the dam rests on a spot once deep with quicksand. The dam's designer, Clifford Holland, pumped the water from the quicksand until it hardened. The park was created in the midst of open farm country, in an area almost totally devoid of recreational facilities. Scrub oak, poplar, and Canadian juniper are typical of the vegetation.

One of the attractions of the park is a dual purpose stone water tower, constructed by the W.P.A., which serves both to store the park's water supply and as an observation tower.

Park facilities include campgrounds, pioneer group camp, picnic sites, a swimming beach, fishing, boat rental, foot trails and snowmobile and saddle trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Beaches	Lake Bronson
Caribou	Lancaster
Joe River	Humbolt
Skull Lake	Lancaster
Twin Lakes	Karlstad

KOOCHICHING COUNTY

BIRCHDALE ACCESS NO. 3

Open all year, daytime / 1 acre / public

Location: Access on gravel road about one mile north of the Village of Birchdale.

This small county-owned area is covered by bottomland hardwoods and lies along a Rainy River. Facilities include picnic tables, fireplaces, toilets, drinking water, and a boat ramp. According to the county Land Commissioner, the area is a good one for biology classes.

Contact: Land Commissioner
State Forestry Office
Kelliher, Minn. 56650
(218) 647-6805

FLOWING WELL WAYSIDE PARK

Open all year / 2 acres / public

Location: Near Kelliher on Cty. Rd. 58; follow signs.

The flowing well was drilled in 1914 to provide ice for logging roads in winter and the well has flowed continuously since. It has been used for many years as a picnic site and for bird watching, deer hunting, and berry picking. Wildlife near the well include porcupine, woodchuck, squirrels, skunk, and an occasional wolf. The well drains into a swamp which provides a waterhole for animals. There are no facilities other than one fireplace, and one sheltered picnic table, but camping is allowed.

Contact: State Forestry Office
Kelliher, Minn. 56650
(218) 647-6805

GEMMELL AND CALDWELL BROOK TRUCK TRAIL

Open all year, daytime / 17 miles / public

Location: Begin on Minn. Hwy. 71 five miles north of the Village of Gemmell.

This road runs through forested areas owned by the county, the state, and by Boise Cascade Corporation. It is a beautiful drive and includes most of the forest types of northern Minnesota. The road crosses Caldwell Brook and two other small streams. Two fields on the road have been planted with tree seedlings. The Wildwood Trail branches off the road and includes three miles of forested drive. The area is most suited to motor vehicles or hiking; camping is permitted.

Contact: Land Commissioner
Koochiching County Courthouse
International Falls, Minn. 56649

KOOCHICHING STATE FOREST

Open all year / 352-580 acres / state land

Location: From Big Falls, take Minn. Hwy. 6 east several miles.

Koochiching State Forest is wilderness-type country. The level terrain with its swamp and bog areas is forested with stands of black spruce, tamarack, cedar, and pines. The Big Fork and Littlefork River canoe routes go through the forest. Boise Cascade Co., which owns part of the land within the forest, has provided several canoe landings. In addition, there are more than 100 miles of snowmobile trails and a state campground.

Koochiching State Forest contains part of the Big Fork Experimental Forest, on which black spruce is grown.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

LAKE AGASSIZ PEATLANDS NATURAL AREA

Open all year, daytime / 19,200 acres / state-owned

Location: Area is bordered on the west by the Deer River Line (a truck trail) about 10 miles south of County Rd. 31.

This state-owned Scientific and Natural Area was created to preserve the unique wetland ecosystems of the glacial Lake Agassiz region. The area includes various types of peatland and a bog lake, Myrtle Lake, with deep sediments of special use in determining the post-glacial history of the region. Fauna includes moose, timber wolf, deer, fox, beaver, grouse, hare, and smaller mammals, birds, amphibians, and reptiles.

The area will be kept in its natural state and used by scientific researchers. Picnicking and camping are not allowed.

Contact: Parks and Recreation
Department of Natural Resources
Centennial Building,
St. Paul, Minn. 55155

LITTLE AMERICAN FALLS

Open all year, daytime / few acres / public

Location: Section 26, T 63, R 26.

Little American Falls is a county park well-suited for school study groups. The area is beautiful with a mixed hardwood and coniferous forest. Facilities include picnic tables, fireplaces, toilets, and a shoreline area.

Contact: Land Commissioner
Koochiching County Courthouse
International Falls, Minn. 56649

PINE ISLAND STATE FOREST

Open all year / 878,040 acres / state land

Location From Bemidji go northeast on U.S. Hwy. 71 to Gemmell.

Pine Island, the largest of Minnesota's 55 state forests, lies in the basin of glacial Lake Agassiz. The greater part of the forest is swampland, forested with pines, black spruce, white cedar, and tamarack. Glacial deposits of sandy loam soil created islands originally covered with excellent stands of pines from which the forest derived its name. The stands were logged heavily in the early 1900s.

Pine Island Forest has several rivers and streams, including the Big Fork Canoe Trail. An Indian portage path from the Tamarack to the Sturgeon River is still visible, as are the large well-defined trails between islands; and several log cabins, built by homesteaders in the early 1900s, remain.

There are three primitive campgrounds and five snowmobile trails. The forest is adjacent to Koochiching State Forest and to Red Lake State Forest.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

RAT ROOT LAKE AND BLACK BAY

Open all year, daytime / few acres / public

Location: From Ericsburg, go south on Minn. Hwy. 53 for one and one-half miles to County Rd. 119, then take that to Rat Root Lake.

This is a bog lake with many marshes which serve as nesting places for waterfowl and shore birds. The area is an outstanding natural tract. Rat Root Lake runs northeast to Black Bay, which has a rocky, pine-covered shoreline, unmarred by such signs of progress as billboards and resorts. Black Bay can be reached by going to the end of Minn. Hwy. 11, east of International Falls; or by boat from Rat Root Lake.

Contact: Land Commissioner
Koochiching County Courthouse
International Falls, Minn. 56649

SMOKEY BEAR STATE FOREST

Open all year, daytime / 12,238 acres / state land

Location: Northeast a few miles from Little Fork.

This forest is a few miles from the Canadian border and is not accessible by hard-surfaced county roads. Most of the land is low and covered with spruce, but there is some upland area forested with aspen. Wildlife include bear, partridge, and deer. The Bear River runs through the forest. There are no established recreational facilities at the forest. Almost all of the land is state-owned.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

KOOCHICHING COUNTY
ST. LOUIS COUNTY

VOYAGEURS NATIONAL PARK

Open all year / 219,400 acres / federal land

Location: Along the Minnesota-Canadian border at the Kabetogama Peninsula.

The Voyageurs National Park is named for the French-Canadian fur traders who, for a century and a half, plied this maze of lakes and streams in bark canoes, transporting vast quantities of furs and goods between Montreal and the northwest.

The land surface was shaped by glaciers into an endless system of waterways. On the Kabetogama Peninsula, the main body of land within the park, are stands of fir, spruce, pine, aspen, and birch reaching to the water's edge, broken here and there by bogs, sandy beaches, and cliffs. Three lakes dominate the area within the park: Namakan, Kabetogama, and Rainy; about 80,000 acres of the park's acreage is water.

Much of the park is accessible only by water and is, therefore, relatively undeveloped. At this writing, plans are still being completed for the park's development, which will probably be completed in 1973 or 1974.

Contact: M. G. Brooks, Project Manager
Voyageurs National Park
International Falls, Minn. 56649

LAC QUI PARLE COUNTY

LAC QUI PARLE COUNTY PARK

Open all year / 200 acres / public

Location: Three miles east of Dawson on U.S. Hwy. 212, then north five miles on County Rd. 27.

This park is, simply, 200 acres of hardwood forested land along both sides of the Lac qui Parle River. County Extension Agent George Gehant says the main feature of the park is "Space, some space for the kids to run and play in."

The area is open to overnight camping, but there are no cooking or sanitary facilities.

Contact: George M. Gehant, Jr.
Courthouse
Madison, Minn. 56256
(612) 598-3325

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 2261 acres / federal land

Location: Headquarters at Ortonville.

From the office at Ortonville, 14 Federal Wetland units are managed in Lac qui Parle County. All have terrain typical of the prairie pothole country — marsh, wetlands, some upland areas, and prairie-type vegetation. The units range in size from 28 acres to 424 acres. They are managed so as to produce and protect waterfowl.

None have sites specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school groups, are advised to contact the headquarters to arrange visits; guides can be provided, but groups must bring their own teachers.

No camping or picnicking. Some units open to hunting.

Contact: Charles W. Gibbons, manager
Big Stone National Wildlife Refuge
Ortonville, Minn.
(612) 839-3700

State Wildlife Management Areas

Unit Name	*Nearest Town*
Baxter	Dawson
Borchardt-Rosin	Bellingham
Brown	Dawson
Church	Boyd
Creekside	Dawson
Dacotah	Marietta
Flinks	Boyd
Hamlin	Madison
Haydenville	Madison
Kemen	Madison
Kibler	Bellingham
Lillejord	Madison
Lundy	Boyd
Madison	Madison
Madrena	Madison
Medicine Pipe	Boyd
N.E. Four Corners	Marietta
Ohnah	Madison
Perry	Bellingham
Plantation	Marietta
Prospect	Dawson
Providence	Dawson
Quilitz	Bellingham
Riverside	Dawson
Sioux Indian	Dawson
Sioux Reservation Line	Madison
Sweetwater	Marietta
Ten-Well	Boyd
Walter	Nassau
Wild Wings	Boyd

LAKE COUNTY

BAPTISM RIVER STATE PARK

Open all year / 706 acres / state land

Location: Thirty-three miles northeast of Two Harbors.

Baptism River flows rapidly and noisily through this park, its gorge and mouth backgrounded by a thick stand of timber, gurgling over several small waterfalls until it splashes over the highest waterfall within the state. The state park, established because of its outstanding scenic beauty, also includes Shovel Point, a 170-foot wall of sheer-faced rock overlooking Lake Superior. The park is within the hilly area known as the "Saw-Tooth Mountains."

There are no campsites or picnic grounds. Fishing is permitted and there are hiking trails, but no snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

GEORGE H. CROSBY — MANITOU STATE PARK

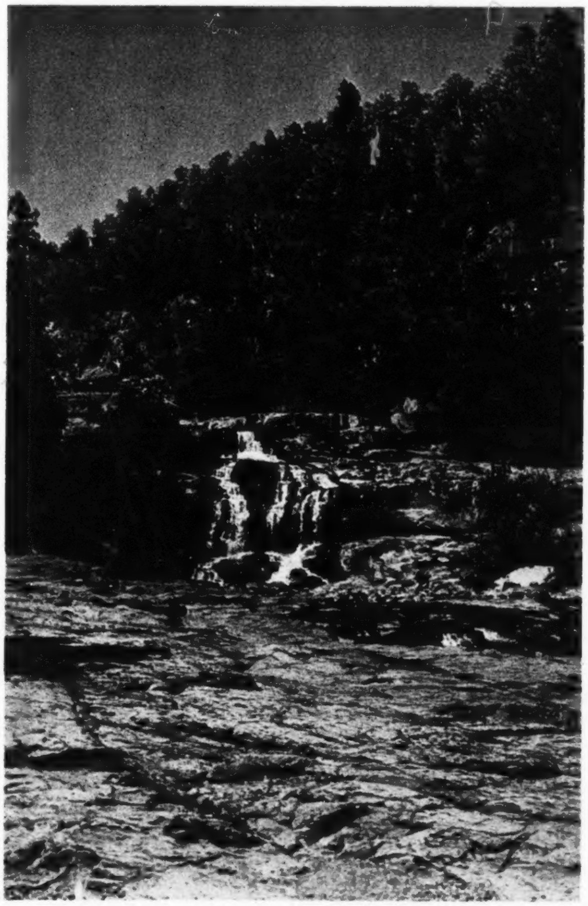
Open all year / 4,790 acres / state land

Location: 8 miles northeast of Finland.

George H. Crosby, a pioneer in iron mining, donated a large tract of mountainous forested land along the north shore of Lake Superior for this park. Special features include four miles of the Manitou River, Blesner Creek, Bensen Lake, and cascades and small waterfalls.

Backpack camping is allowed in the trailside camp areas. Facilities include a parking area, trails, and water supply.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155



One of two popular waterfalls at Gooseberry Falls State Park.

GOOSEBERRY FALLS STATE PARK

Open all year / 718 acres / state land

Location: On the north shore of Lake Superior about 13 miles northeast of Two Harbors.

Gooseberry Falls State Park stretches along the rocky north shore of Lake Superior. Igneous volcanic rock outcroppings are common, dotted through a second-growth forest of birch, popular, alder, and black spruce. The Gooseberry River enters the park at a height of 240 feet, falls over two waterfalls of about 30 feet in height, and splashes through a series of rapids and cascades to its outlet in Lake Superior.

Park facilities include campsites, picnic grounds, foot trails and snowmobile trails. A naturalist conducts education sessions.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

INSULA LAKE STATE FOREST

Open all year / 485 acres / state land

Location: 23 miles east of Ely.

It requires five portages to get to Insula Lake State Forest, which is in the Boundary Waters Canoe Area on a major canoe route. Lake Insula is exceptionally beautiful and has many islands. The terrain is rugged with many rock outcroppings; the trees are primarily jack pine and a few aspen. Lake Insula is connected with Alice Lake, the Kawashiwi River, and Koma Lake to the east; and, to the west, with Hudson Lake, Lakes One, Two, Three, and Four, and the Kawashiwi River. Within the forest itself are several streams and beaver ponds. The forest is entirely state-owned; there are no established campsites. Campers should follow the BWCA rules.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

KELLEY SCHOOL FOREST

Open all year, daytime / 120 acres / school site

Location: Eight miles north of Silver Bay on Lax Lake Road.

Most of the school forest is, appropriately enough, forest, but there is a large meadow from which Cedar Creek flows. High school students are planting trees, studying growth patterns, and observing areas that have been burned or logged over. Biology students are improving the habitats for wood ducks, grouse, and water fowl; planting wild rice; and observing small mammals — including mink and weasel. Outdoor classroom facilities are under construction. No camping.

Contact: Kelley High School
Silver Bay, Minn. 55614
(218) 226-4437

LAKE ISABELLA STATE FOREST

Open all year / 67 acres / state land

Location: Southeast of Ely about 25 miles.

Lake Isabella State Forest is within the BWCA and slightly southeast of Insula Lake State Forest. This forest is very small (entirely state-owned), on a chain of lakes, and similar in terrain to Insula Lake State Forest. There are no regular campsites, but campers are welcome if they follow the BWCA rules.

Lake Superior, largest freshwater lake in the world, is a fascinating outdoor laboratory.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

MINNESOTA OUTWARD BOUND

Open all year / 42 acres / private

Location: S 27, T 62 N, R 11 W; off Spruce Road, 18 miles southeast of Ely along Route 1.

The Minnesota Outward Bound school provides wilderness expeditions, both summer and winter, into the BWCA and Canada's Quetico Provincial Park. Training, open to anyone more than 16½ years old, begins at the school site, which includes Birch Lake, the Kawishiwi River, marshy areas, and heavy forest. Participants are taught white water canoeing, map and compass navigation, search and rescue training, emergency care, and so forth, culminating in a major final expedition. Special courses, longer or shorter than the usual 26 days, are available for educators. Class capacity: 30 in winter, 96 in summer.

Contact: Robert St. Peters, associate director
Minnesota Outward Bound School
330 Walker Avenue South
Wayzata, Minn. 55391
(612) 473-5476

NATIONAL FOREST LODGE

Summer only / 143 acres / public

Location: Located 33 miles southeast of Ely; take U.S. Hwy. 61 north from Duluth to Two Harbors, then north on County Road 2 to junction with Minn. Hwy. 1 and then 7 miles east.

National Forest Lodge (formerly Camp Gee-Go-Kau) is the site of a outdoor education course offered during summer by School District 161. The camp has rolling small hills and marshes, covered by glacial till and heavily forested, and 1,100 feet of shore on Lake Gegoka. Cabins and a dining hall for 40 exist now; camp sites and winterized facilities are under development. Junior high students are taught the geology of the Canadian Shield, the wildlife and plants of the Superior National Forest, and such things as the operation of a forest ranger station, how taconite is processed, and how timber is cut in the Superior National Forest. The resident naturalist, Mr. Hunger, will develop environmental education programs for any group, including field trips and overnight canoe trips, for a fee.

Contact: Summer
Robert Hunger
℅ National Forest Lodge
Isabella, Minn. 55607
(218) 293-4411

Winter
Robert Hunger
666 Ashland Ave.
Chicago Heights, Ill. 60411
(312) 755-9564

SPLIT ROCK LIGHTHOUSE STATE PARK

Open all year, daytime / 145 acres / state land

Location: On the north shore of Lake Superior, 27 miles northeast of Two Harbors.

Split Rock Lighthouse was built in 1910 on a cliff-top that juts 170 feet out of the water. From the water the cliff appears to be split in two parts — hence the name. The 50-foot high conical structure was built to assist ships carrying iron ore; the dangers of fog and reefs were magnified because a cargo of ore would affect a ship's compass. The construction was a feat of engineering and logistics since there were no roads in the region.

An incandescent oil vapor lamp made the beacon visible 22 miles away when it was first built. In 1939 electricity came to the lighthouse and almost tripled the candlepower of the beacon. With the invention of electronic navigational equipment, a beacon was not needed. The Coast Guard continued to man the lighthouse for a few years because it had become a landmark.

The park has a short foot trail near the lighthouse. There are no campsites or picnic areas.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

TWO HARBOR'S PARKS

Closed winters / public

Location: The Burlington Bay Campsite is on Park Road, just off U.S. Hwy. 61 north of the city; Lakeview Park is on Park Road at First Street.

Split Rock Lighthouse combines scenic beauty, unusual geologic formations and an interesting history.

The Two Harbor's area on the north shore of Lake Superior features rugged, wild shoreline, with rocks composed of lava from long-ago volcanoes. Both sites are on the shores of Lake Superior and both have flat terrain, gently sloping to the lakeshore. The park has fireplaces and picnic tables, but camping is not allowed there; campers and swimmers must go to the Burlington Bay Campsite. Reservations are not required. Capacity: 70.

Contact: Two Harbors City Clerk
Two Harbors, Minn. 55616
(218) 834-4386

LAKE COUNTY
ST. LOUIS COUNTY

BEAR ISLAND STATE FOREST

Open all year, daytime / 141,187 acres / state land

Location: Go southeast of Ely on Minn. Hwy. 1 a few miles.

Within this state forest are remnants of old logging camps and railroad grades. Much of the timber is second-growth jack and Norway pine. The terrain is hilly, with rock outcroppings here and there, and the forest has many small lakes. About one-sixth of the total area is state-owned; the rest is privately-owned.

Facilities include hiking and snowmobile trails, picnic sites, a swimming beach, boat access, and fishing. No campsites.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

LAKE-OF-THE-WOODS COUNTY

BAUDETTE SCHOOL FOREST

Open warm months, daytime / 80 acres / school site

Location: Parts of Sections 6 and 7, T 160 N, R 32 W; from Pitt (near Baudette) go one-half mile west, one-half mile south, one mile west, one mile south, and one mile west to a sign near the entrance.

The Baudette School Forest was acquired by a special act of the state legislature in 1955, and it has been maintained since by the Baudette chapter of the Future Farmers of America. The students have cleared brush, planted trees, and improved the habitats for deer and grouse. The forest includes jack pine, aspen, red and white pine, birch, ash, balsam, and spruce; School Forest Creek and Beaver Lake are on the site. The Baudette High School's forestry class uses the area as a conservation laboratory, and the vocational agriculture classes use it as well. Camping is allowed but there are no facilities, and campers must notify the school first.

Contact: Baudette School
(218) 634-2735

FORT ST. CHARLES

Open warm months, daytime / 57 acres / church owned

Location: On Magnussen Island in the Angle Inlet of Lake of the Woods, at the northern tip of the Northwest Angle of Minnesota.

Fort St. Charles was originally built in 1732 by a band of French-Canadian voyageurs led by Pierre La Verendrye. From this outpost subsidiary posts were established and mid-continent North America, as far west as the Big Horn Mountains, was explored by Pierre La Verendrye and his sons. During an expedition in 1736 to get supplies, La Verendrye's oldest son and Father Jean Pierre Aulneau, chaplain of the fort, and all their men were killed by Sioux. After La Verendrye's death in 1749 the fort was abandoned, and was rediscovered by an expedition of Jesuits from St. Boniface College, Manitoba, in 1908. An altar honoring the memory of Father Aulneau, Minnesota's first martyred priest, was erected in 1951. Since then the Fourth Degree Knights of Columbus of Minnesota have restored most of the Fort. Yearly pilgrimages are organized by the Knights and are open to anyone. The pilgrimages are day-long visits; no camping is permitted.

Contact: Rev. J. E. Prouix
Warroad, Minn. 56763

NORTHWEST ANGLE STATE FOREST

Open all year, daytime / 79,169 acres / state land

Location: North of Lake of the Woods, in the northernmost part of the contiguous 48 states.

Because of its isolated location and few inhabitants, this forest would lend itself well to nature study. Visitors must get to the forest by boat from Warroad or from the Canadian side, or through Red Lake Indian Reservation, or by plane. The terrain varies from marsh to rocky hills. Moose, deer, and bear abound. There are no established campsites. About one-fifth of the forest is state-owned.

Contact: Regional Forester
Box 825
Bemidji, Minn. 56601

ZIPPEL BAY STATE PARK

Open all year / 2,725 acres / state land

Location: Nine miles northeast of Williams.

This wilderness park is on the south shore of the 950,000-acre Lake of the Woods. The area is gently sloping, covered with a forest of jack pine, aspen, and a scattering of Norway pine. Included in the park is a three-mile stretch of sandy beach considered one of the best in the state.

Park facilities include primitive campgrounds, pioneer group camp, a picnic site, a swimming beach, a fishing stream, and foot, skiing and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Long Point	Roosevelt
North	Roosevelt
Rako	Baudette

LE SUEUR COUNTY

KASOTA PRAIRIE

Open all year, daytime / 30 acres / private

Location: From St. Peter, take Minn. Hwy. 22 south to village of Kasota; then go south on County Road 21 for 0.8 miles to a dirt road, turn right and go 1.5 miles.

All but a few acres of the tract consist of level upland occupied by native tall-grass prairie. The remainder is a limestone bluff, with wild plum, bur oak, bittersweet, and gray dogwood; a spring seeps out at the bluff's base. The tract is being preserved by The Nature Conservancy as an example of the native grassland that formerly occupied most of southern and western Minnesota. Pasque flowers, prairie buttercup, and golden alexander are conspicuous in early spring; alum-root in early summer; and in late summer, prairie gentian, asters, and such grasses as big bluestem, little bluestem, and Indian grass. Ecology classes from Gustavus Adolphus, St. Peter, Mankato State College, and the University of Minnesota at Mankato use this area. Other groups are welcome by reservation only. No camping. The Nature Conservancy requires visitors to avoid damaging or destroying the natural quality of the site; specific regulations, such as a ban on automobiles, are available at its office.

Contact: Dr. Ward Tanner
Gustavus Adolphus College
St. Peter, Minn. 56082
(507) 931-4300

MEYER-SCHRALL FARMS

Closed during bird nesting — late spring thru early summer.
120 acres / private

Location: From St. Peter, go east on Minn. Hwy. 99 to junction of County Road 11 at east edge of Le Center; go south one-quarter mile to first farm on the left.

The Meyer-Schrall farms include 50 acres set aside as a wildlife refuge. There are small areas of native hardwoods and woody cover sites planted for wildlife habitat. There are ponds dug and blasted, foot trails, wildflower plantings, and areas left to natural succession. The owners use conservation farming practices on about 50 acres of cropland. Identification signs are posted along the trails; bird houses, wood duck houses and feeding stations are maintained for wildlife. Groups of students, scouts and 4-H are welcome to visit except during nesting period. Mrs. Meyer and Mrs. Schrall are members of the Audubon Society, National Wildlife Federation, Wilderness Society, and Minneapolis Bird Club.

Contact: Dr. or Mrs. Harlan Meyer
Rt. 2, Box 31
Le Center, Minn. 56057
(612) 357-4911

RICHTER COUNTY PARK

Open all year, daytime / 80 acres / public

Location: From Montgomery, go one and one-fourth mile west on County Rd. 26, then three-fourths mile south on County Rd. 163.

Richter County Park lies in an upland plain typical of LeSueur County. There are many varieties of trees and, since the site has not been clear-cut, burned over, or pastured, it is a good example of the Big Woods that once covered southern Minnesota. There are several small ponds and many wildflowers. Plans call for development of nature trails. The area is not open to camping.

Contact: County Park Committee
℅ County Auditor
LeCenter, Minn. 56057
(612) 357-6122

SAKATAH LAKE STATE PARK

Open all year / 745 acres / state land

Location: From Waseca, go north on Minn. Hwy. 13 to junction with Minn. Hwy. 60, go east few miles.

Sakatah State Park was almost completely given over to farming except for some small areas of virgin hardwood forest. Now, with the help of the park's management, the abandoned fields and pastures are returning to the wild state. There are many wildflowers: blue flag, marsh marigold, Dutchman's breeches, columbine, wild rose, hepatica, bloodroot, large-flowered bellwort, and blue violets.

The Cannon River canoe route stretches 73 miles from this park to Red Wing. Facilities include campsites, picnic grounds, swimming beach, hiking trails and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bardel's	LeCenter
Chadderdon	LeCenter
Diamond	Kilkenny
Factor	LeCenter
Murphy	Waterville
Ottawa	St. Peter
Paddy	LeCenter
St. Thomas	LeCenter
Sautter	LeCenter
Shanghai	LeCenter
Sheas	LeCenter

LINCOLN COUNTY

HOLE-IN-THE-MOUNTAIN COUNTY PARK

Open all year / 335 acres / public

Location: About one-half mile west of the junction of U.S. Hwy. 75 and U.S. Hwy. 14 at Lake Benton.

Some seven ravines extend down through the wooded land of the park, draining toward Lake Benton. From the higher elevations one can see Lake Benton village and the lake, and the break in the surrounding morainic hills which give the park its name. A trading post was located at the park site and many Indian artifacts have been found throughout the area. There are overnight sites within the park, as well as shelter buildings for picnickers; the park is open for hiking, skiing, sledding, snowmobiling, skating, camping and picnicking.

Contact: Arnold Claasen
County Extension Office
Ivanhoe, Minn. 56142
(507) 694-1470

State Wildlife Management Areas

Unit Name	*Nearest Town*
Altona	Lake Benton
Ash Lake	Ivanhoe
Blue Wing	Ivanhoe
Bohemian	Canby
Chain-o-Sloughs	Ivanhoe
Chen-Bay	Lake Benton
Christine	Ivanhoe
Clare Johnson	Porter
Collaris	Hendricks
Collinson	Lake Benton
Coon Creek	Russell
Dead Coon	Arco
Discors	Tyler
Emerald	Lake Benton
Expectation	Hendricks
Hendricks	Hendricks
Hope	Tyler
Horse	Lake Benton
Iron Horse	Ivanhoe
Ivanhoe	Ivanhoe
Kvermo	Hendricks
Legacy	Hendricks

Little Twin	Hendricks
Minn-Kota	Hendricks
Muldental	Ivanhoe
Muskrat	Arco
Platyrhynchos	Canby
Poposki	Ivanhoe
Pothole	Ivanhoe
Prairie Dell	Porter
Richard J. Dorer	Hendricks
Rost	Ivanhoe
Shaokatan	Hendricks
Sioux Lookout	Lake Benton
Sokota	Hendricks
Suhr	Ivanhoe
Ten Sloughs	Hendricks
Thostenson	Arco
Two Sloughs	Lake Benton

LYON COUNTY

CAMDEN STATE PARK

Open all year / 1,030 acres / state land

Location: Seven miles southwest of Marshall.

Located in the Redwood River Valley, Camden is an oasis of trees in the western plains. The rolling hills are covered with dense stands of deciduous trees, remnants of a hardwood forest estimated to have covered 2,000 acres. Three large permanent Indian villages were once situated here, plus a trading post operated by the American Fur Company. Camden is named after a proprietor of a post office formerly located within the present park boundaries who was a resident of Camden, New Jersey.

Park facilities include campgrounds, picnic sites, a swimming pool, and foot, saddle, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

GARVIN PARK

Open all year / 700 acres / public

Location: About 14 miles south of Marshall along Minn. Hwy. 59.

Garvin Park is a county park encompassing a portion of the watershed and bottomland of the Cottonwood River. The park's features include a floodplain, groves of bottomland hardwoods, and a prairie area. Development plans include construction of a trail system and campsites and impoundment of water for a lake; before these long-range plans are fulfilled, however, the county intends to build a parking lot, a shelter, sanitary and water facilities, picnic tables, and ball fields. Land is still being acquired for the park and improvements will be dependent upon land acquisition. There are restrictions on hunting and snowmobiling.

Contact: Lyon County Parks
(507) 532-2315

State Wildlife Management Areas

Unit Name	*Nearest Town*
Amiret	Marshall
Brakke	Tracy
Clifton	Marshall
Coon Creek	Russell
Dayland	Balaton
Deer Lane	Balaton
Furgamme	Marshall
Gadwall	Balaton
Garvin	Garvin
Giese	Balaton
Good Medicine	Marshall
Grandview	Ghent
Green Valley	Green Valley
Greenhead	Tracy
Happy Hollow	Balaton
Hoffman Creek	Marshall
Hope	Tyler
Jacobsen	Balaton
Lyons	Balaton
Meadow Creek	Marshall
Nyroca Flats	Florence
Redwood	Marshall
Ringneck Ravine	Russell
Rock Lake	Balaton
Rolling Hills	Marshall
Russell	Russell
Sham Lake	Cottonwood
Shelburne	Balaton
Sioux Prairie	Marshall
Sodus	Balaton
S.E. Clifton	Tracy
Vallers	Marshall
Yankton	Balaton

MAHNOMEN COUNTY

LITTLE ELBOW LAKE STATE PARK

Open all year / 1,105 acres / public

Location: Sixteen miles east of Waubun.

Little Elbow Lake Park supplements the recreational facilities in the region of Itasca State Park. Topographically, the area is hilly with primarily second-growth deciduous forest. There are three lakes within the tract, the principal one being Little Elbow Lake.

Facilities include a primitive campground, a picnic area, and a fishing spot.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

SANTEE PRAIRIE

Open all year, daytime / 440 acres / private

Location: About five miles north and two miles east of Mahnomen, and three miles south of Bejou; access on dirt road east from U.S. Hwy. 59, five miles north of Mahnomen.

Santee Prairie is about 440 acres of flat, poorly drained prairie, brush prairie, and marsh. The vegetation varies from bluestem-Indian grass prairie to wet cordgrass-bluestem prairie, interspersed with bulrush-cattail marsh and scattered clumps of aspen and shrubs. The prairie has been mowed for many years and some of the marshes have been drained, but it remains a good example of native prairie. A state wildlife management area adjoins on the west. Open, with permission, to educational groups and for scientific research involving non-destructive use. The Nature Conservancy, which owns the tract, requires visitors to refrain from any disturbance of the site; this includes collecting samples, camping, firing guns, and so forth. Specific regulations are available at the office.

Contact: The Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 1,478 acres / federal land

Location: Headquarters at Tamarac Wildlife Refuge.

From the office at Tamarac Refuge, 15 Federal Wetland units are administered in this county. The units range in size from nine acres to 395 acres. All have typical prairie pothole terrain — marshy, low-lying wetlands, sometimes bordered by upland areas with grassy vegetation. The units are managed so as to produce and protect waterfowl.

None have areas specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school children, are invited to contact the headquarters office to arrange visits; guides can be provided, but cannot serve as teachers.

No camping or picnicking. Most sites open to hunting.

Contact: Tamarac National Wildlife Refuge
Rural Route
Rochert, Minn. 56578
(218) 847-4355

State Wildlife Management Areas

Unit Name	*Nearest Town*
Beaulieu	Beaulieu
Bejou	Bejou
Budde Meadow	Beaulieu
Coburn	Ogema
Dittmer	Bejou
Foot	Bejou
Gregory	Bejou
Killian	Bejou
Loncrace	Bejou
Mahgre	Bejou
Rush Lake	Mahnomen
Vanose	Mahnomen
Wambach	Bejou
Warren	Bejou
Waubun	Waubun

MARSHALL COUNTY

AGASSIZ NATIONAL WILDLIFE REFUGE

Open all year, daytime / 61,000 acres / federal land

Location: Headquarters on State Aid Hwy. 7, 11 miles east of Holt; refuge is 23 miles northeast of Thief River Falls.

This site occupies a part of the bed of glacial Lake Agassiz in northwestern Minnesota. The terrain is flat with an average change of 1 foot in elevation per mile. Freshwater marshes occupy 25,000 acres. On higher ground extensive areas of willows, open grasslands, and scattered stands of aspen, elm, oak, and ash are conspicuous. Two spruce-tamarack bogs with associated bog lakes are also part of the refuge.

The shallow water marshes contain interspersed open water and emergent plants and attract 13 kinds of breeding ducks each year. Since 1937, 245 species of birds have been identified on the refuge. An established flock of giant Canadian geese also nests here.

Any group or organization, particularly an educational one, will be given a guided tour if requested in advance. However, the actual education must be done by a teacher — this applies to the other wildlife refuges as well.

There is a four mile self-guided auto drive and a short foot trail. No camping or picnicking.

Contact: Agassiz National Wildlife Refuge
Middle River, Minn. 56737
(218) 449-2110

Shallow water marshes are common in Agassiz National Wildlife Refuge — and so are moose which thrive in this habitat.

OLD MILL STATE PARK

Open all year / 285 acres / state land

Location: Seventeen miles northeast of Warren.

Old Mill State Park has a typical prairie terrain bisected diagonally by the winding Middle River. Poplar, boxelder, elm, and other deciduous trees grow near the river. Part of a water-powered grist mill constructed in 1888 still remains. The original grindstones were shipped from France to Fargo, then carried by ox cart to the mill site.

Park facilities include a primitive campground, picnic sites, a swimming beach, fishing spot, foot trails, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

THIEF LAKE WILDLIFE MANAGEMENT AREA

Open all year / 33,771 acres / state land

Location: Thirty-eight miles northeast of Thief River Falls.

Thief Lake Wildlife Management Area is an excellent waterfowl production area. The 7,100-acre lake is very shallow and edged with many reeds, rushes, and cattails. Elsewhere in the area is cropland for feeding mallards and geese; the Moose River and marshy areas along it; several hundred acres of black spruce forming habitat for deer, ruffed grouse, and moose; sedge-meadowland around the lake; and brushy areas of willow, hazel, red-osier dogwood, bog birch, and alder. Besides the animals already mentioned, the area has many sharptails, redheads, and other species of ducks; plus muskrats, mink, beaver, badger, weasel, bobcat, wolf, fox, and raccoon.

Facilities include campgrounds and picnic sites, but strict regulations govern their use; consult the resident manager. Group tours can be arranged.

Contact: Wildlife Area Manager
Thief Lake WMA
Middle River, Minn. 56737

State Wildlife Management Areas

Unit Name	*Nearest Town*
East Park	Strandquist
Eckvoll	Grygla
Elm Lake	Thief River Falls
Espelie	Grygla
Florian	Strandquist
Grygla	Grygla
Mudlac	Middle River
Whiteford	Middle River

MARTIN COUNTY

State Wildlife Management Areas

Unit Name	*Nearest Town*
Ceylon	Ceylon
Des Belt	Ceylon
East Chain	East Chain
Luedtke	Fairmont
Perch Creek	Truman

McLEOD COUNTY

COUNTY PARK NO. 1

Open all year, daytime / 30 acres / public

Location: On the south shore of Buffalo Creek, two miles east of Glencoe and one-half mile south of U.S. Hwy. 212.

Buffalo Creek flows through the northern portion of this area in a slow, meandering manner. At the west end of the park near the creek is a four-acre wildlife area. The park also includes eight acres of woodland nature areas, one mile of hiking trails, a picnic area with fireplaces and tables, an open play field, and a parking lot. Overnight camping by permission only — no fee.

Contact: McLeod County Auditor
Glencoe, Minn. 55336

COUNTY PARK NO. 2

Open all year, daytime / 32 acres / public

Location: On the north shore of Swan Lake, three and one-half miles northwest of Silver Lake.

This park is long and narrow in shape, with Swan Lake on the southern border. At the north edge is an evergreen plantation, then an earthen dam for a ponding area, and more evergreens — this area is for wildlife. South of this are parking lots, an open playing area, and a picnic area. The park includes five acres of beach and boat launching facilities with a picnic shelter, fireplaces and tables. A nature trail winds through the entire park. Camping by permission only.

Contact: McLeod County Auditor
Glencoe, Minn. 55336

COUNTY PARK NO. 3

Open all year, daytime / 71 acres / public

Location: Two miles southeast of Winsted on County Rd. 85

This park, on the southeast shore of Winsted Lake, will be almost entirely preserved in its natural state for nature study. The area is somewhat marshy with many trees, chiefly maple. A picnic area and nature trail will be provided. No camping.

Contact: McLeod County Auditor
Glencoe, Minn. 55336

COUNTY PARK NO. 4

Open all year, daytime / 74 acres / public

Location: Six and one-half miles northwest of Hutchinson on County Rd. 73.

This park recently was purchased by the county and plans have not been completed. Facilities will probably include a swimming beach, boat launching site, picnic areas, a general play area, and nature areas. The park is on the west edge of Stahl Lake. Development will begin in the summer of 1972. The McLeod County Rod and Gun Club will assist in development of the park.

Contact: McLeod County Auditor
Glencoe, Minn. 55336

GLENCOE SCHOOL FOREST

Open all year, daytime / 20 acres / school site

Location: Behind the high school in Glencoe.

This school site will be planted as a wind break and a landscape development project. Agriculture and forestry classes will use the site as outdoor labs.

Contact: Agriculture Dept.
School District 422
Glencoe Public School
Glencoe, Minn. 55336

SCHAEFER PRAIRIE NATURAL AREA

Open all year, daytime / 118 acres / private

Location: Take U.S. Hwy. 212 seven miles southwest from Glencoe to County Road 57, then go south three-fourths mile to the northeast corner of the tract.

The land is gently rolling glacial till with a few gravelly hillocks and some low mounds occupied by pocket gopher colonies. Buffalo Creek flows through the western portion of the tract in a shallow ravine bordered by typical lowland woody plants. A shallow pond in the northeast part and a marsh in the southeast provide habitats for wetland birds and animals. More than 100 kinds of native flowering plants have been recorded. Parts of the tract have been converted to crop land and an abandoned northern part illustrates the succession from cultivated land to prairie. The Nature Conservancy, which owns the land, requires visitors to adhere to certain rules designed to protect the natural condition of the site; these rules must be obtained from its office prior to any visit.

Contact: George H. Laible
The Nature Conservancy
Glencoe, Minn. 55336
(612) 864-4054

State Wildlife Management Areas

Unit Name	*Nearest Town*
Halva	Silver Lake
Kujas Lake	Brownton
Penn	Brownton
Prieve	Hutchinson
Ras-Lynn	Hutchinson
Spiering	Brownton

MEEKER COUNTY

COSMOS LAKE PARK

Open all year, daytime / 22 acres / public

Location: One mile west of Cosmos — at the intersection of Minn. Hwys. 4 and 7 — on Thompson Lake.

Cosmos Lake Park is a county park on Thompson Lake. The native oak trees have been supplemented with plantings of other hardwoods and evergreens. Thompson Lake is not suitable for fishing or swimming, although plans call for treatment of the lake and creation of a beach. Facilities include picnic shelters, toilets, water, parking lots, ball fields, and a children's playground.

Contact: Meeker County Park Board
Litchfield, Minn. 55355

LAKE MANUELLA PARK

Open all year / 2 acres / public

Location: On the east side of Lake Manuella two miles southwest of Darwin just off Minn. Hwy. 9.

Lake Manuella Park is a small, roadside county park on one of the deepest lakes in the county. The park provides public access to the lake for fishermen and swimmers. The area has been landscaped and provided with a bathhouse, toilet and picnic shelter.

Contact: Meeker County Park Board
Litchfield, Minn. 55355

LITCHFIELD NATURE STUDY AREA

Open all year, daytime / 40 acres / school site

Location: Two miles south of Litchfield on County Rd. 288 and about one mile west on County Rd. 65.

The Litchfield School District is currently using this site for an outdoor study area. The soils were formed from Mankato glacial till and vary from forest to prairie and from poorly-drained to well-drained. The plot includes 21 acres of woodland, 10 acres of grassland, and nine acres of wetland. It is being developed now. No camping, picnicking, snowmobiling or hunting is allowed.

Contact: Litchfield Senior High School
Litchfield, Minn. 55355
(612) 693-2424

FOREST CITY PARK
SHAW MEMORIAL

Open all year, daytime / 10 acres / public

Location: At Forest City on the Crow River.

Shaw Memorial Park is a county park on the Crow River near an old mill dam site. Large oak trees cover most of the area. Long range plans include the rebuilding of the old mill dam to make a 240-acre river pond and the rebuilding of the old Forest City fort south of the park. Facilities currently include ball fields, parking lot, a skating rink and warming house, toilets, picnic shelters, playground equipment, and water.

Contact: Meeker County Park Board
Litchfield, Minn. 55355

SPRING LAKE PARK

Open all year, daytime / 12 acres / public

Location: Between Spring Lake and Long Lake, one mile north of Dassel, which is at the intersection of U.S. Hwy. 12 and Minn. Hwy. 15.

Spring Lake Park was Meeker County's first park, built in 1968. It includes shoreline on Spring Lake and on Long Lake, where a sandy beach will be developed to improve the swimming area. The park is located between two wooded hills and many trees and shrubs have been planted across the site. There is an arboretum, with a display of native trees and shrubs, in the southwest corner of the park. Facilities include toilets, picnic shelters, ball fields, parking lots, water, and a children's playground.

Contact: Meeker County Park Board
Litchfield, Minn. 55355

State Wildlife Management Areas

Unit Name	*Nearest Town*
Acton	Grove City
Greenleaf	Cedar Mills
Madsen	Litchfield
Minnie-Man	Litchfield
Popular	Grove City
Rodewald	Cosmos
Wieker	Atwater

MEEKER COUNTY
STEARNS COUNTY

LAKE KORONIS PARK

Open all year / 62 acres / public

Location: On Lake Koronis at the intersection of Minn. Hwys. 4 and 55.

Lake Koronis Park is currently being developed by the two counties. It now includes 62 acres and 2,000 feet of shoreline on Lake Koronis. Virgin timber covers most of the area except for several small fields on the west side. Half of the park will be kept in its natural state for hiking and scenic walks. Current facilities include a picnic shelter, toilets, bathhouse, and theatre building; other recreational facilities, including campsites, will be added later.

Contact: Meeker County Park Board
Litchfield, Minn. 55355

MILLE LACS COUNTY

FATHER HENNEPIN STATE PARK

Open all year / 270 acres / state land

Location: One mile northwest of Isle.

Father Louis Hennepin was a prominent French missionary who traveled extensively through much of Minnesota and who named the Falls of St. Anthony in 1769. On one of his journeys near Mille Lacs Lake, he was captured by Indians and held in a village somewhere on the south side of the lake. He was released through the efforts of Sieur DuLuth, a French countryman and early explorer, who gave his name to the city of Duluth.

Father Hennepin State Park borders Mille Lacs Lake and is thickly forested with deciduous trees. Park facilities include a campground, picnic site, swimming beach, and a short foot trail.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

MILACA FFA CONSERVATION AREA AND SCHOOL FOREST

Open all year, daytime / 80 acres / school site

Location: One mile west, one-half mile north, one-half mile west, and one mile north of Milaca.

This area was set aside by the county for educational use nearly 25 years ago. About 35 acres along the road were cropland at that time and have since been planted with conifers. The balance of the acreage is swamp, with clumps of brush and aspen. A tiny stream runs into the swamp from the west in the center of the south "40". Two gravel ridges in the site terminate in the south "40" also. The area is primarily used by the high school vocational-agricultural program for forestry management.

Contact: Vo-Ag Dept.
Senior High School
Milaca, Minn. 56353

MILLE LACS KATHIO STATE PARK

Open all year / 6,785 acres / state land

Location: Five miles northwest of Onamia.

The Mille Lacs region has been the home of both Sioux (Dakota) and Chippewa (Ojibway) Indians. Inhabiting this area from prehistoric times, the Sioux established at least three great villages around Lake Mille Lacs, with Kathio, the most populous, being the seat of the hereditary chief and a cultural center. Sieur DuLuth, visited Kathio in 1679 and recorded his impressions. One year later, Father Hennepin passed through the area. In about 1745, a decisive three-day battle between the Sioux and Chippewa established the Chippewa here; the Sioux resettled southward and westward.

Characteristic of the area are the hills, meadows, and second-growth forest embracing three miles of the Rum River, an outlet of Mille Lacs Lake. Several miles from the Park is an Indian Museum, operated by the Minnesota Historical Society which relates the story of the area and its various inhabitants.

Park facilities include campground, pioneer group camp, picnic sites, swimming beaches, fishing spots, boat rental, foot trails, ski and saddle trails and 32 miles of snowmobile trails. The Park has an interpretive center with a naturalist on duty. Featured are archeological finds and displays depicting the story of prehistoric man.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

or Orval Herrington, Historical Society
Box H
Onamia, Minn. 56359
(612) 532-3632

MILLE LACS NATIONAL WILDLIFE REFUGE

Open all year, daytime / federal land

Location: Two small islands off the south shore of Lake Mille Lacs.

The Mille Lacs National Wildlife Refuge is a small one — two small rocky islands in Lake Mille Lacs. The area is one of the few places in North America where purple martins breed in large numbers among the rocks. Terns and gulls also nest here.

The area is not open to camping, and visitors should write the office listed below for permission to see the islands. It is important that the birds not be disturbed, particularly in nesting season.

Contact: Rice Lake National Wildlife Refuge
Box 190
McGregor, Minn. 55760

State Wildlife Management Areas

Unit Name	*Nearest Town*
Benlacs	Foley
Kunkel	Princeton
Onamia	Onamia
White Fish Lake	Garrison

MORRISON COUNTY

CHARLES A. LINDBERGH STATE PARK

Open all year / 295 acres / state land

Location: Two miles south of Little Falls.

This park is dedicated to the memory of Charles A. Lindbergh Sr., Congressman from Minnesota (1907–1917) who fought the "money trust" and tried to assure fair prices for farmers. By the time Charles Lindbergh, Jr., made his celebrated solo flight over the Atlantic in 1927, the summer home had been empty for several years. The house has been restored as nearly as possible to its 1906–1920 appearance; from mid-April to October it is open to the public. Guided tours are available.

The Mississippi River borders the park behind the house. A wire bridge spans Pike Creek, which runs through the park; the bridge, built by young Lindbergh, was reconstructed during the W.P.A. so visitors may cross the creek and walk the wooded trails behind it. Park facilities include campgrounds, pioneer group camp, picnic sites and 2 miles of foot trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

or John Rivard, Historical Society
Route 3, Box 265C
Little Falls, Minn. 56345
(612) 632-3154

DUNDER POND

Open all year, daytime / 40 acres / public

Location: Section 16, T 127N, R 31W; from Upsala, go one-half mile west on County Road 19, then one-fourth mile south on Prairie Road.

Dunder Pond runs diagonally northeast-southwest across the middle of this forty acre square tract. Bordering the pond on the north is a marsh, and beyond that a forest of upland hardwood trees. The site thus contains three types of ecosystems: the pond, marsh, and upland areas. Each has a wide variety of plant and animal life. A nature trail is under construction. A natural resource management course is offered in the local high school utilizing this area as an outdoor laboratory. It is not open to camping or picnicking.

Contact: Vo-Ag Dept.
Upsala High School
Upsala, Minn.
(612) 573-2174

KLISCH SUGAR BUSH

Open all year, daytime / 40 acres / private

Location: One and one-half miles south of Bowlus on County Rd. 24.

Klisch Sugar Bush is a 40-acre tract of virgin maple trees divided by four miles of roads to facilitate collection of sap. A maple sugar processing plant has been built a mile north of the woods. Sap from the approximately 3,000 taps is collected in heavy plastic bags, then transferred in a stainless steel tank truck to the plant for processing. Visitors are welcome by appointment only; the site is not open for picnicking or camping.

Contact: Roman Klisch
Bowlus, Minn. 56314
(612) 584-5483

MOTLEY SCHOOL FOREST

Open all year, daytime / 80 acres / school site

Location: Two miles southeast of Motley.

This 80-acre tract is entirely forested and largely natural, with the exception of one trail leading through it. Some clearing of brush and tree-planting has been done by students. The area is used by vocational-agricultural students at Motley. It is not open to camping or picnicking.

Contact: Charles Funk
Vocational-Agricultural teacher
Motley High School
Motley, Minn. 56466
(218) 352-7811

PIERZ PARK AND MUNICIPAL GOLF COURSE

Open all year / 90 acres / public

Location: One and one-half miles east of Pierz Bank, just within the village limits of Pierz.

The Pierz Park and Municipal Golf Course are used primarily as recreational sites, but also as an outdoor classroom for school children. The ten-acre park includes a playground, man-made pool, and primitive camp sites on the north side of the winding Skunk River. Adjoining the park is the 80-acre golf course with a clubhouse. Trees include elm, oak, and pine; animals include squirrels, woodchucks, rabbits, porcupines, and ducks.

Facilities include a shelter house, cooking facilities, showers, and restrooms at the camp sites.

Contact: Pierz Park caretaker
(612) 468-2187

PINE GROVE PARK

Open warm months, daytime / 57 acres / public

Location: In Little Falls, go 12 blocks west of the intersection of U.S. Hwys. 10 and 371, then west on Minn. Hwy. 27.

Pine Grove Park contains a stand of large pine never touched, in the history of the county, by fire or by logging. The Park is level and grassy, with playgrounds and trails. There is a shelter with mounted animals and a zoo nearby. Picnicking is permitted but no overnight camping.

Contact: Ralo Bailey, manager
Pine Grove Park
Little Falls, Minn. 56345
(612) 632-6613

State Wildlife Management Areas

Unit Name	*Nearest Town*
Coon Lake	Buckman
Culdrum	Flensburg
Ereaux	Little Falls
Little Elk	Randall
Mud Lake	Little Falls
Neitermeier	Randall
Popple	Little Falls
Rice-Skunk	Little Falls
Sponsa	Upsala
Wittiker	Harding

MOWER COUNTY

JAY. C. HORMEL NATURE CENTER

Open all year, daytime / 123 acres / public

Location: Within and to the northwest of the corporate limits of the City of Austin; access from I-90 and 21st St.

This site, cut by the north and south branches of Dobbins Creek, is about 40 per cent floodplain. The area includes windbreaks, cropland, hayfields, abandoned fields, upland hardwoods, bottomland hardwoods, and a 22-acre arboretum. Wildflowers, ferns, mosses, grasses, and shrubs are abundant. About eight acres are in conifer plantations of red pine, balsam fir, jack pine, and spruce.

The area is a part of the former George A. Hormel estate and now belongs to the city. The Austin public schools use the center for nature hikes and the Austin State College use the center for biology classes.

The Audubon Society Nature Center Planning Division has been commissioned to study the site and prepare plans for it.

No camping or vehicular traffic.

Contact: James Haben, Park and Recreation Dept.
508 N. Main St.
Austin, Minn.
(507) 433-5881

LAKE LOUISE STATE PARK

Open all year / 825 acres / state land

Location: One mile north of LeRoy.

Lake Louise State Park is at the junction of two creeks which join to form the Iowa River. A dam was constructed here in the late 1800s to impound water for the operation of a grist mill. Later the mill was abandoned, and the mill dam and pond became a much-used recreational feature in this part of Minnesota. Hardwood timber groves flank the stream bed and are scattered throughout the park.

Facilities include a modern campground, pioneer group camp, picnic areas, a swimming beach, fishing spot, and foot, saddle, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Brandt-Larson	Lyle
Cartney	Leroy
Gravel Pit #2555	Leroy
Red Cedar	Austin
Rose Creek	Rose Creek

MURRAY COUNTY

LAKE SHETEK LUTHERAN BIBLE CAMP

All year / 28.8 acres / church

Location: In Section 36, T 108 N, R 41 W; go 9 miles north of Slayton on U.S. Hwy. 59, turn east at the Valhalla Corner, and go 2 miles east to Keeley Island.

Lake Shetek is a glacial lake with almost 400 feet of glacial "drift" or moraine forming the top strata. The lake is uncommonly beautiful — a visual treat for prairie travelers. The Bible Camp is near the site of the Sioux Uprising of 1862 and many Indian artifacts have been found there. The camp is open to organized groups, mainly Lutheran Church groups, by reservation. Capacity is 250 in summer, 125 in winter.

Contact: Camp Manager
Shetek Lutheran Bible Camp
Route 2, Box 61
Slayton, Minn. 56172
(507) 763-3567

LAKE SHETEK STATE PARK

Open all year / 704 acres / state land

Location: Fourteen miles northeast of Slayton.

The name of the lake was derived from the Sioux Indian word for pelican. Before the white man, the area was a campground for the Sioux, offering abundant wildlife, fish, and waterfowl. White trappers were attracted to the area by the prevalence of game. Visitors today can observe "dugout" shelters built by early trappers on Loon Island.

On August 20, 1862, 14 white settlers were killed here during the Sioux Uprising. A cabin belonging to Mr. and Mrs. Andrew Koch who were, respectively, killed and captured by the Indians, has been rebuilt within the park. A granite monument commemorates the spot where the settlers were buried.

Lake Shetek is one of the few large lakes in southwest Minnesota. Park facilities include campgrounds, pioneer group camp, a children's group camp, a picnic area, swimming beach, fishing, boat rental, foot trails, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Avoca	Avoca
Badger	Slayton
Bergman	Current Lake
Big Slough	Slayton
Buffalo Lake	Dovray
Chandler	Chandler
County Line	Iona
Current Lake	Balaton
De Groot	Lake Wilson
Dierenfeld	Chandler
Dovray	Currie
Elder	Currie
Fenmont	Fulda
Great Oasis	Lake Wilson
Haberman	Fulda
Hjermstad Lake	Ruthton
Irrupption	Slayton
Klinker	Lake Wilson
Lange	Ruthton
Leeds	Lake Wilson
Lowville	Hadley
Mason	Hadley
McCord-Laible	Lake Wilson
Nelson	Ruthton
Peters	Hadley
Phelan	Slayton
Reinhold	Lake Wilson
Rupp	Currie
Ruthton	Ruthton
Sarah-Mason	Slayton
Schoeberl	Iona
Shetek	Currie
Skandia	Hadley
Sweetman	Currie
Tutt	Lake Wilson
Van Eck	Ruthton

NICOLLET COUNTY

FORT RIDGELY STATE PARK

Open all year / 315 acres / state land

Location: Seven miles south of Fairfax

After Minnesota's Santee Dakota Indians were induced to give up most of their land and move to a small reservation on the Minnesota River, the United States government established Fort Ridgely in 1853 near the eastern border of the reservation to protect settlers in the river valley. It was named by the Secretary of War, Jefferson Davis, after three brothers from Maryland who lost their lives in the Mexican War.

The Sioux, whose economy and culture had been undermined and who faced starvation, tried to retain their homeland by attacking settlements throughout the valley in what came to be known as the 1862 Sioux Uprising. The fort was the scene of a major battle in August of that year. With a force of about 120 men and six cannon, Lt. Timothy Sheehan repelled the attacks of the Sioux force, which at one time numbered 1200. The siege continued for eight days until a force commanded by General Henry H. Sibley arrived to relieve the fort.

Most of the buildings of Fort Ridgely have disappeared. Only the stone commissary and one reconstructed powder house remain, but other buildings have been excavated and marked. Guided tours are available during the summer, sponsored by the Minnesota Historical Society.

Park facilities include campground, pioneer group camp, picnic sites, and foot, saddle, snowmobile and skiing trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

Fort Ridgely State Park is site of a major battle between Sioux Indians and soldiers in 1862.

TRAVERSE DES SIOUX STATE PARK

Open all year / 340 acres / state land

Location: One mile northwest of St. Peter.

At Traverse des Sioux, a much used trail from St. Paul and Fort Snelling to the Upper Minnesota Valley and the Red River Valley crossed the Minnesota River. At this site in 1851 the Treaty of Traverse des Sioux was signed by Governor Alexander Ramsey and Luke Lea, Commissioner of Indian Affairs, and representatives of the Wahpeton and Sisseton Sioux. Under the terms of the treaty, the Indians ceded to the United States about 24 million acres in what is now southern Minnesota.

The Indians were to receive as their home a stretch of land extending ten miles on each side of the Minnesota River from Lake Traverse to the Yellow Medicine River. The Indians were also to receive $1,685,000, of which a fifth was paid at once, and the rest to be paid in annual allotments.

However, the Indians were tricked into signing a second paper which diverted most of their cash payments to local fur traders, supposedly for debts incurred. The 1862 Uprising was largely caused by the continually late arrival of the annual cash payments.

The park has a picnic area, fishing stream, a short foot trail, and 10 miles of snowmobile trails and 10 miles of skiing trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

NOBLES COUNTY

FURY'S ISLAND AND HOMESTEAD TRAIL

Open all year / 26 acres / public

Location: On East Graham Lake near Maka-Oicu Park; access from County Rd. 5.

Approaching Fury's Island park from the north, visitors drive along East Graham Lake for about 3,000 feet along Homestead Trail, so named for the several early cabin sites along it. The sixteen-acre trail winds through Maka-Oicu Park and terminates in Fury's Island Park. Fury's Island is similar in vegetation to Maka-Oicu: oak, elm, hackberry, ironwood, walnut, and thorn apple trees typical of the original forest area. The sod has never been plowed but it has been grazed and the original prairie plants are no longer in existence. The lake surrounding the island is a typical prairie lake — shallow, rich in nutrients, and heavily silted.

Primitive camping is permitted along the trail. At Fury's Island is a picnic shelter, toilets, and fresh water.

Contact: Park Commission
Nobles County Courthouse
Worthington, Minn. 56187

HAWKEYE PARK

Open all year / 5 acres / public

Location: On Indian Lake, Section 34, T 101N, R 39W; access off County Rd. 3.

Hawkeye Park is a small county park providing public access to one of the few lakes in Nobles County. Most of the land was pasture; the shoreline is lined with oak and other hardwood trees. A high bank, 40 feet above the water's edge, is a natural toboggan slope in winter. Facilities include a campground, picnic area, fresh water, toilets, and a boat launching ramp.

Contact: Park Commission
Nobles County Courthouse
Worthington, Minn. 56187

LAKE BELLA PARK

Open all year / 45 acres / public

Location: On the Minnesota-Iowa border with access from County Rd. 2.

Lake Bella is a 182-acre artificial lake. The park, as yet unnamed, will include 45-acres on the east bank starting from the dam area and running half a mile to the north. Gravel pits are present and the property has been grazed extensively. When completed in 1973, the park will have a campground, boat ramp, swimming beach, toilets, and picnic shelters.

Contact: Park Commission
Nobles County Courthouse
Worthington, Minn. 56187

MAKA-OICU PARK

Open all year / 46 acres / public

Location: From Worthington, go north on U.S. Hwy. 59 to County Rd. 18, then east to County Rd. 5.

Maka-Oicu, the Sioux word for homestead, is a county park on the shore of West Graham Lake. The original timber still remains — oak, elm, ironwood, hackberry, walnut, and thorn apple. The area has been grazed and none is typical prairie. There are four Indian mounds within the park and many artifacts have been found there. Facilities include campgrounds, picnic shelter and picnic area, a swimming beach, visitor center, nature trail, and excellent bird watching.

Contact: Park Commission
Nobles County Courthouse
Worthington, Minn. 56187

MIDWAY PARK

Open all year, daytime / 45 acres / public

Location: Four miles northeast of Adrian, with access from County Rd. 14.

Midway Park is a county park on the site of an old gravel pit. About eight acres has been made into a well-stocked pond with a depth of up to 16 feet. About 18 acres was formerly the dry gravel pit and the rest is cropland, now reverting to its original state. Plans call for creation of a picnic ground, a beach, and planting of more trees.

Contact: Nobles County Park Commission
County Courthouse
Worthington, Minn. 56187

PICKEREL POINT PARK

Open all year / 4 acres / public

Location: On the southwest part of Lake Ocheda; access off township road.

On the southwest shore of Lake Ocheda, a 2,000-acre shallow waterfowl and fishing lake, is a four-acre tract owned by the county park system. The tract has not been developed except for installation of a toilet and picnic tables. The property is chiefly used by hunters and by fishermen. The land was formerly used as pasture.

Contact: Parks Commission
Nobles County Courthouse
Worthington, Minn. 56187

SUNRISE PRAIRIE

Open all year, daytime / 4 acres / public

Location: From Ellsworth, go east on County Rd. 4 eight miles.

Sunrise Prairie is a small area of undisturbed prairie — among the last 30 acres of prairie in the county. The county park commission will preserve it with the help of the Minnesota Nature Conservancy in its natural state. A foot trail will be laid out and small signs will identify the more important of the native prairie plants. No other development will take place. Because of the delicate nature of the ecology, camping, picnicking, and vehicular traffic are forbidden.

Contact: Park Commission
Nobles County Courthouse
Worthington, Minn. 56187

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bigelow	Bigelow
County Line	Iona
Dewald	Worthington
Einck	Wilmont
Fenmont	Fulda
Fulda	Fulda
Fury	Kinbrae
Groth	Wilmont
Herlein	Worthington
John Erickson	Worthington
Peterson	Worthington
Scheuring	Wilmont
Wachter	Worthington

NORMAN COUNTY

FRENCHMAN'S BLUFF

Open all year, daytime / 42 acres / private

Location: On west side of County Road 38, one and one-fourth miles north from its junction with Minn. Hwy. 113; access is from paved north-south road on east border of site.

Frenchman's Bluff, owned by The Nature Conservancy, is 40 acres of shortgrass prairie, with a few shrubs and trees, on an elevated gravelly moraine. It is dry grassland typical of the Great Plains much farther to the west. Several plants reach their easternmost extent at this locality. It commands a spectacular view westward across the Red River Valley, which held the great glacial Lake Agassiz in the latest glacial period. The Bluff has been used for many years as a study area by students from the Itasca Park Biological Station. It is open to small groups of students or conservation-minded persons. No camping. The Nature Conservancy requires visitors to avoid activities that destroy or alter the natural state of the site; specific regulations are available at its office.

Contact: Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

State Wildlife Management Areas

Unit Name	*Nearest Town*
Agassiz No. 1	Gary
Agassiz No. 2	Gary
Dalby	Syre
Faith	Twin Valley
Home Lake	Syre
Ida	Twin Valley
Moccasin	Syre
Neal	Twin Valley
Ranum	Rindal
Syre	Syre
Twin Valley	Twin Valley
Vangsness	Twin Valley

NORMAN COUNTY
POLK COUNTY

AGASSIZ DUNES NATURAL AREA

Open all year, daytime / 417 acres / private

Location: From Fertile drive one mile south on Minn. Hwy. 32, then straight west 0.4 miles to the north edge of the tract; a narrow sand road leads into the dunes — the road is not suitable for vehicular traffic. Walk.

Within the irregular boundaries of the tract lie sand dunes and blowouts of marked scenic beauty formed 4,000 to 9,000 years ago. The dunes formed as the prevailing westerly winds whipped sands off the drying delta of the San Hill River, and deposited them on the Norcross Beach of the glacial Lake Agassiz. The area lies on the prairie-forest border and possesses characteristics of both ecosystems.

Willows and aspen occupy the moist old stabilized blowouts, oaks and occasional basswood trees stand on the moister slopes of the large dunes, and prairie grasses, creeping juniper and bearberry mantle the ridges and southwestern slopes. Scattered dwarfed and deformed bur oak trees are richly covered with many kinds of lichens adhering to their bark. Some blowouts and dunes are still active and stages of succession can be observed. The Nature Conservancy, which owns the land, requires visitors to follow certain rules to preserve the fragile nature of this tract. There is, for example, no camping or recreation on this site. Specific rules must be obtained at its office.

Contact: Clarence A. Swenson
The Nature Conservancy
Fertile, Minn. 56540
(218) 945-6604

OLMSTED COUNTY

QUARRY HILL PARK

Open all year / 212 acres / public

Location: At the east edge of city of Rochester; enter at end of Ninth St. N.E. or Silver Creek Drive.

Quarry Hill Park comprises two limestone ridges with a small valley between. An old limestone quarry in one of the ridges furnished materials for building, road surfacing, and agriculture. To the south of the quarry are extensive sandstone caves which were used by the State Hospital for storing vegetables. There are patches of deciduous and coniferous forests and oak savannah, two large areas of grassland, and a stream along one edge of the site. Beaver, deer, fox, badger, and other small animals have been seen here. An environmental education center is being built which will serve Rochester area school children and adults. The program of studies has not yet been determined. No camping.

Contact: Rochester Park and Recreation Dept.
403 East Center Street
Rochester, Minn. 55901
(507) 288-6767

ROCHESTER STATE JUNIOR COLLEGE FOREST

Open all year / 160 acres / public

Location: Section 6, T 106, R 13W; go about one mile east of Rochester on U.S. Hwy. 14.

The forest area (45 acres) includes a trail through a coniferous forest of white spruce, red pine, and jack pine, and a trail through the bulk of the wooded area, an unmanaged oak hardwood wildlife area. The trail also goes by a series of man-made sandstone caves called the "Horse-Thief Caves." The remaining acreage is grassland and corn, maintained for the benefit of geese which winter nearby. The area is not open to camping or to snowmobiles or motorized vehicles. General Ecology, which uses the forest and grassland community as part of the study, is taught here every spring.

Contact: Jerry L. Tammen, biology dept.
Rochester State Junior College
Rochester, Minn. 55901
(507) 288-6101

State Wildlife Management Areas

Unit Name	*Nearest Town*
Keller	Stewartville
Rochester	Rochester
Schumann	Stewartville
Suess	Stewartville

OLMSTED COUNTY
WABASHA COUNTY
WINONA COUNTY

WHITEWATER WILDLIFE MANAGEMENT AREA

Open all year, daytime / 24,500 acres / state land

Location: About 25 miles northeast of Rochester.

Whitewater Wildlife Management Area is state-owned property in the valley of the Whitewater River. Within its boundaries are 75 miles of trout stream, more than 150 species of trees, shrubs and vines, almost 200 species of birds, and a large wildlife sanctuary. Deer, ruffed grouse, ducks, pheasants, squirrels, and raccoon are the more common wild animals found here.

Groups wishing tours are advised to contact the resident manager. Consult the manager for regulations concerning the area. Hunting is permitted in season in most of the area.

Contact: Wildlife Area Manager
Whitewater Wildlife Management Area
Altura, Minn. 55910

OTTER TAIL COUNTY

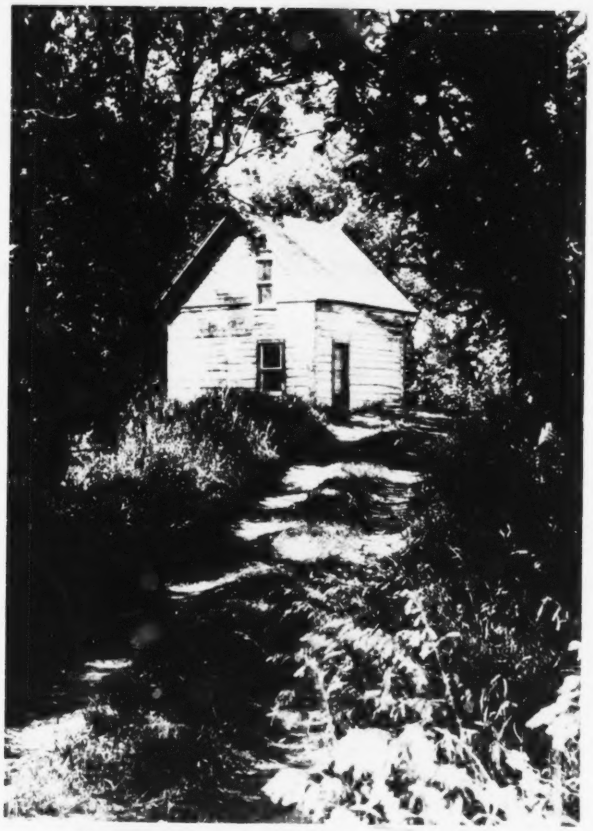
BLACK'S GROVE

Open all year / 66 acres / public

Location: Five miles west of the Village of Wadena between Minn. Hwy. 29 and U.S. Hwy. 10.

Black's Grove is part of a glacial outwash area, and the soils are a mixture of outwash sands — Rockwood sandy loam, Litchfield loamy sand, and Menahga loamy fine sand. The topography is rolling, sometimes steep, with flat, moist areas along Oak Creek. Very large white pine are intermixed with hardwoods such as red oak and basswood. Viburnum, dogwood, and elderberry provide shelter and food for some birds. Early spring brings hepatica, bloodroot, and meadowrue. Late in summer there are wild strawberries, bluebells, goldenrods, and lilies in the meadows. The land has never been cultivated and the only overnight campers have been scout troops and 4-H groups. The area is used by the Wadena School District for outdoor education. Picnicking is permitted.

Contact: Vincent C. Brown, Supt.
Park and Recreation Dept.
Box 30
Wadena, Minn. 56482
(218) 631-2395



Old cabin lies nestled amid hardwood forest in Maplewood State Park.

MAPLEWOOD STATE PARK

Open all year / 3,340 acres / state land

Location: Seven miles southeast of Pelican Rapids.

Maplewood State Park sits on morainic soils deposited in late Pleistocene times. The moraine is characterized by large rolling hills, covered with deciduous timber, and by many lakes of varying size. The park includes twenty lakes. The great pine forests give way here to the western plains. The park's location in this transition zone means that flora and fauna from both ecosystems are present.

Facilities include a primitive campground, pioneer group camp, a picnic site, swimming beaches, fishing spots, and foot, saddle, snowmobile and skiing trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 9,430 acres / federal land

Location: Headquarters at Fergus Falls.

From the office at Fergus Falls, 70 Federal Wetland units, ranging in size from 10 acres to 587 acres, are managed in this county. All units have typical prairie pothole terrain — marshy, low-lying wetlands, bordered by upland areas, with grassy vegetation. The units are managed so as to produce and protect waterfowl.

None have sites specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school children, are invited to contact the headquarters office to arrange visits; guides can be provided, but groups must bring their own teacher.

No camping or picnicking. Most sites open to hunting.

Contact: Wetland Management District Office
Fergus Falls, Minn.
(218) 736-3681

State Wildlife Management Areas

Unit Name	*Nearest Town*
Aastad	Fergus Falls
Almora	Almora
Amor	Ottertail
Bluff Creek	New York Mills
Butler	New York Mills
Dead Lake	Dent
Doran	Fergus Falls
Eastern Twp.	Parkers Prairie
Elmo	Henning
Fergus Falls	Fergus Falls
Folden Woods	Parkers Prairie
Haarstick	Fergus Falls
Hi-View	Fergus Falls
Inman	Henning
Inspiration	Urbank
Nycklemoe	Battle Lake
Orwell	Fergus Falls
Oscar	Fergus Falls
Perham	Perham
Sixteen	Henning
Valdine	Fergus Falls
W. Twp. Gravel Pit	Fergus Falls

PENNINGTON COUNTY

NORTHLAND ECOLOGICAL STUDY AREA

Open warm months, daytime / 40 acres / public

Location: In the city of Thief River Falls where Minn. Hwy. 1 crosses the Thief River.

Most of the area is covered with mature hardwoods along with several species of shrubs and herbaceous plants. The rest of the area borders the river and contains little ponds and marshes. Soils are typical of the prairie loams and clays left from glacial Lake Agassiz. Trails for visitors are under construction and the area is open to the public, although no camping is permitted. The area is part of the campus of Northland State Junior College, and students often use the area for project work.

Contact: Northland State Junior College
Hwy. 1 East
Thief River Falls, Minn. 56701
(218) 681-2181

State Wildlife Management Areas

Unit Name	*Nearest Town*
Higinbothan	Red Lake Falls
Pembina	Thief River Falls

PINE COUNTY

BANNING STATE PARK

Open all year / 3,355 acres / state land

Location: Two miles north of Sandstone.

Banning State Park surrounds the historic abandoned townsite of Banning. Once a thriving sandstone quarry town the area provided building materials for many mansions in the Twin Cities. The park also includes the Kettle River which flows in relatively broad expanses through swampy areas, then narrows into a fast-flowing stream moving through rock gorges with sheer cliffs rising 30 to 40 feet above the water. One of these narrow passages is appropriately labeled "Hell's Gate."

Facilities include a primitive campground, pioneer group camp, a picnic site, foot trails, and snowmobile and ski trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

In winter or summer, Banning State Park is outstanding for its unique scenic, historic and natural values.

CHENGWATANA SCENIC AND HISTORIC TRAIL

Open all year / 160 miles / public

Location: Begins at Connor's Fur Post west of Pine City and covers most of the county.

The Chengwatana Trail begins at Connor's Fur Post and travels north through the villages of Brook Park, Hinckley, Sandstone, Finlayson, Rutledge, Willow River, Bruno, Askov, back to Hinckley, and then to Pine City. Most of the historic sites in Pine County lie along this route and have been marked with wooden signs or granite monuments; the trail itself is marked. Both public and private overnight campgrounds are available along the route — in the state parks and forests, and at Kettle River Campground, Hay Creek Ranch, on Elbow Lake, and others. Environmental education programs are conducted at the Northwoods Audubon Society property and, during the summer months, in the St. Croix State Park and the Pine County Historical Museum at Askov.

Contact: Soil and Water Conservation District Office
Pine County
Box 276
Hinckley, Minn. 55037

CHENGWATANA STATE FOREST

Open all year, daytime / 29, 240 acres / state land

Location: From Pine City, go east on Minn. Hwy. 8 to state line.

Chengwatana State Forest derives its name, which means "Town of Pines," from the old village and trading post organized in 1850 at the Cross Lake outlet of the Snake River; the village served as county seat from 1860 to 1872. Topographically the terrain is chiefly lowland areas of brush and marsh, dotted with forested islands. The Snake, Kettle, and St. Croix Rivers course through the forest and offer canoe trails and good fishing. Other recreational activities include duck and deer hunting and snowmobiling. No campgrounds.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

CONNOR'S FUR POST

Open May through October, daytime / 43 acres / public

Location: From Pine City take County Road 7 west for one and one-half miles.

Thomas Connor came to the Snake River area in 1804 to build a wintering post for trade with the nearby Chippewa Indians. By promising his voyageur crew drams of whiskey for good work, Connor was able to move into his six-room log building, encircled by a log stockade, one month later. Most of his customers were native trappers with furs, but Indian women also visited to barter with wild rice, maple sugar, and gum. Connor opened a new post on the south shore of Pokegama Lake after the United States government prohibited foreign companies such as the North West Company with which Connor was affiliated. Until its accidental discovery in 1963, the exact location of the first post was a mystery. The Minnesota Historical Society has now excavated and rebuilt the trading post using the original construction techniques. No camping.

Contact: John Rivard
Route 3, Box 265C
Little Falls, Minn. 56345
(612) 632-3154

Connor's Fur Post has been reconstructed using original construction techniques.

D.A.R. STATE FOREST

Open all year / 640 acres / state land

Location: On Minn. Hwy. 23 near Askov.

This is a small state forest with gently rolling, sandy loam soil, covered with aspen and jack pine and a few white pines. Members of the Twin Cities chapter of the Daughters of the American Revolution contributed funds to plant trees in this forest. A game habitat project was started here recently.

Facilities include a campground and a picnic spot. About half the forest is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

FLEMING CAMPGROUND

Open warm months / 150 acres / private

Location: From Hinckley, take Minn. Hwy. 48 east for 16 miles, then turn left on Fleming Road.

Fleming Campground is built on the site of the old Fleming Railroad Repair and Supply Depot which was in operation in the late 1800s processing white pine. The Depot was destroyed during the great Hinckley fire of 1894, but there are still evidences of the huge lumbering industry, including numerous artifacts. The camp is located very near the St. Croix State Park; the St. Croix and Kettle Rivers are just a few miles away. Thirty camp sites with running water and toilets are available in the wooded areas of the campground.

Contact:

Summer	Winter
Fred H. Goff	Fred H. Goff
Hinckley, Minn. 55037	7840 Greenwood Drive N.E.
(612) 384-7255	Minneapolis, Minn. 55432
	(612) 784-6500

GENERAL C. C. ANDREWS STATE FOREST

Open all year / 7,540 acres / state land

Location: Northeast of Willow River.

Within this forest is a Norway pine seed orchard and the General Andrews tree nursery. Part of the area was purposefully burnt in 1960, and visitors can see how the forest is rejuvenating in the burnt-over area. The pine tussock moth is damaging trees here, and visitors can see the work being done to control the moths.

The land is level, with very sandy soil; most of the trees are jack or Norway pine. The Kettle River Canoe route goes through the forest.

Facilities include a good trail system, a campground, boat access, and fishing spot. Five-sevenths of the area is state-owned.

Contact: *Regional Forester*
Box 648
Brainerd, Minn.56401

JAMAR SCOUT CAMP

All year / 740 acres / scout camp

Location: 22 miles east of Hinckley on Minn. Hwy. 48 and 3 miles north on Ogema township road.

Jamar Scout Camp has two lakes within its 740 acres of forest, close to the Wisconsin border and the St. Croix River. Much that relates to early Minnesota history can be found on and near camp properties. During the summer, the camp is open to Boy Scout troops and Explorer posts; in winter the facilities, including excellent snowmobile trails, are open to other groups. A resident Ranger offers instruction in natural history. Capacity: 200 in summer, 30 in winter.

Contact: Lake Superior Council
218 Bradley Building
Duluth, Minn.
(218) 727-8903

KALLIO WOODS

Open all year, daytime / 80 acres / private

Location: From Finlayson, go west on Minn. Hwy. 18, take the first left turn on the west side of the village, go one-half mile to the north edge of the tract.

Kallio Woods is a series of buried eskers running east and west across the entire tract. Between the eskers are marshes and ponds with an abundance of dogwood and alder. Birch and aspen cover the eskers and marshland. Higher ground is forested with second-growth hardwoods and some planted conifers. The parallel series of eskers with marsh areas between are uncommon, and the origin of these is something of a geological dilemma.

The area is open to students and researchers only. Camping is available at nearby Banning State Park. Vehicular traffic, particularly snowmobiles, is forbidden at the site.

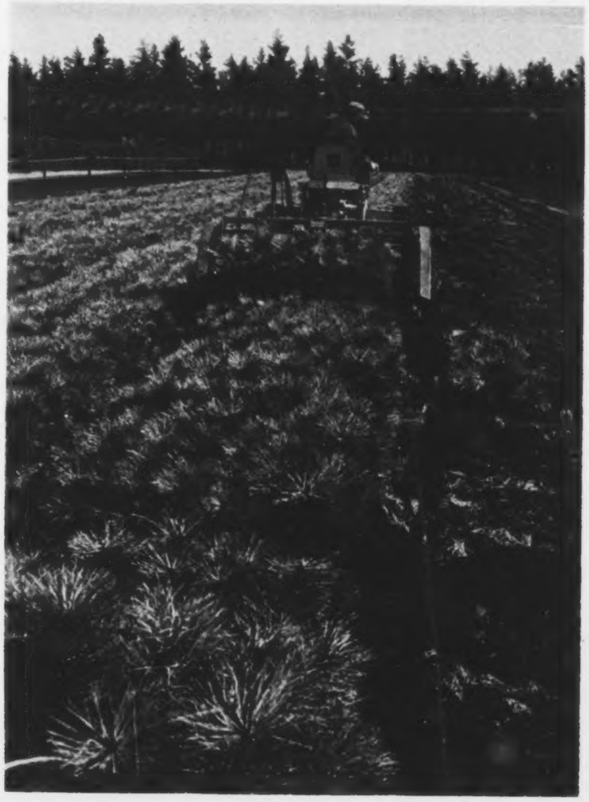
Contact: Northwoods Audubon Center
Route 1
Sandstone, Minn. 55072
(612) 245-2648

MEMORIAL PARK (The Pit)

Open all year, daytime / 3 or 4 acres / public

Location: Within the Village of Hinckley on the east side of the railroad tracks.

Memorial Park is an old gravel pit dug out when the railroad was built in the late 1800s. Most of the area has lawn, but there is one low wet area which, during the Great Hinckley Fire in 1894, saved the lives of several hundred persons who lay in the shallow water until the fire had passed over.



Thousands of tree seedlings are raised at General Andrews tree nursery (page 77).

The park has picnic tables, a picnic shelter, a skating area, and a warming house. No camping.

Contact: Jim Pavelka
Village Clerk
Hinckley, Minn. 55037

NORTHWOODS AUDUBON CENTER

Open all year / 535 acres / private

Location: From Hinckley, take County Road 61 to County Rd. 27, follow County Rd. 27 three miles to intersection with County Rd. 17.

This tract on the east shore of Grindstone Lake is used as a bird sanctuary, game refuge, and nature center. Thick stands of maple, birch, oak, and other deciduous trees are found here, as are many pines, balsams, and thousands of planted pines ten to 15 years old. Thirty five houses are used by bluebirds, tree swallows, and wrens. About 150 species of birds have been sighted on the property, most of them during migration. Other animals include red and gray squirrels, chipmunks, weasels, fox, raccoon, beaver and deer.

The tract comprises, besides the forest area, a marsh, potholes, small stream, and prairie, plus 4,000 feet of lakeshore. Numerous buildings on the site are used by all-season visitors and for counselor training — short-term sessions training counselors for scout camps and church camps. The facilities can accommodate 25 to 50 persons, depending on the type of use. There is no camping. Teachers of all grade levels are welcome to bring their classes to the center; a naturalist is in residence year-round.

Contact: Director-Naturalist
Northwoods Audubon Center
Route 1
Sandstone, Minn. 55072
(612) 245-2648

PINE CITY SCHOOLS ENVIRONMENTAL CENTER

Open warm months, daytime / 70 acres / school site

Location: From Pine City, go three-fourths of a mile west on County Road 7 west of I-35 interchange.

Students are reclaiming this piece of land and, as yet, have not yet determined the most desirable habitats and fauna to be developed. Peat topsoil covers about 30 acres, over a clay and gravel material; more gravel has been removed from an additional 30 acres of what once was high ground. Now there are about 15 acres of man-made lakes and simulated streams, plus a man-made hill about 10 feet high. Students have operated the heavy equipment, surveyed the site, planted trees, and studied wildlife management, habitat improvement, and soil conservation. The area is currently restricted to students and educators. No camping.

Contact: David Trampe
Vocational Agriculture Instructor
Pine City Schools
Pine City, Minn. 55063
(612) 629-3575

Winter trail leads to main lodge at Northwoods Audubon Center.

ST. CROIX NATURAL AREA

Open all year / 1,000 acres (approx.) / state land

Location: Sections 33 and 34, T 41N, R 17W; at the eastern end of St. Croix State Park.

Part of the St. Croix State Park has been set aside as a Scientific and Natural Area for research and study. The soil is chiefly wet, with floodplain hardwoods on the eastern edge, and a tamarack-black ash forest a little south. The area is not open for picnicking or camping.

Contact: Parks and Recreation Dept.
Department of Natural Resources
Centennial Building
St. Paul, Minn. 55155

ST. CROIX STATE FOREST

Open all year / 42,105 acres / state land

Location: From Hinckley, go east on Minn. Hwy. 48, then north on Cty. Rd. 24.

The St. Croix River has been designated a "wild river," and the 21 miles of hiking trails within this state forest afford visitors many opportunities to see and savor the scenic wilderness. The forest's terrain is hilly and the cover is mostly aspen with patches of pine. There are a few old logging camps and remnants of old dams formed by logs jamming together while floating down streams.

Facilities include a campground on Rock Lake, a boat access, and a fishing spot, as well as hiking and riding trails. The forest includes part of the Mille Lacs Indian Reservation. About four-sevenths of the forest is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

ST. CROIX STATE PARK

Open all year / 30,920 acres / state land

Location: Twenty miles east of Hinckley on Minn. Hwy. 48.

The St. Croix State Park stretches along the Minnesota-Wisconsin border and includes the scenic wild river. The terrain is hilly, with high banks lining the St. Croix River and the Kettle River. The area is forested, with red pine predominating. A resident naturalist conducts nature walks, a 20-mile auto tour of the park, a canoe caravan, and film programs. There is also 3 self-guiding nature trails and a nature center with wildlife exhibits.

Facilities include both primitive and modern campsites, pioneer group camp, a children's group camp area, picnic sites, swimming beaches, 200 miles of saddle trails and 124 miles of snowmobile, foot and skiing trails. Boats may be rented.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

WILLOW RIVER SCHOOL SITES

Open all year, daytime / 60 acres / school site

Location: First site — one-fourth mile south of the Village of Willow River; second site — one and one-half miles south from the town on U.S. Hwy. 61.

Both these areas are used by high school agriculture classes. The first site is covered chiefly with tree plantings of all the species grown in the state. The second site has about half natural growth and about half plantations. There is an old sawmill on the south side of the first site. No camping.

Contact: Willow River High School
Willow River, Minn.

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bruno Dam	Bruno
Kettle River	Hinckley
Mark	Willow River
McGowan	Hinckley
Pine Co. No. 1	Pine City
Pine Co. No. 2	Pine City
Pine Co. No. 3	Brook Park
Pine Co. No. 4	Brook Park
Rock Marsh	Rush City

PIPESTONE COUNTY

PIPESTONE NATIONAL MONUMENT

Open all year, daytime / 283 acres / federal land

Location: About one mile north of the city of Pipestone.

For at least three centuries most of the ceremonial pipes used by Plains Indians were produced from the unusual red stone obtained from the famed quarries at Pipestone. The prized stone was an object of reverence and the area from which it came was traditionally held in awe.

The eminent early American artist, George Catlin, visited the site in 1836 and gave us the earliest published description. Joseph Nicollet also visited the quarries in 1838; his men carved an inscription into ledges which can still be seen.

The site of the quarries was a sacred place, and many legends grew up around the quarries and other geological features in the area such as the Three Maidens, Lightning-Struck-Rock, Leaping Rock, and the Oracles.

In addition to the quarries, visitors see massive layers of Sioux quartzite, prairie grassland, many flowering plants and songbirds.

A visitor center at the monument contains museum exhibits. A short trail from the center leads to the quarry.

Contact: Pipestone National Monument
Pipestone, Minn. 56164

State Wildlife Management Areas

Unit Name	*Nearest Town*
Altona	Pipestone
Burke	Pipestone
Casey	Holland
Holland	Holland
Pheasant Terrace	Pipestone
Pipestone Indian	Pipestone
Troy	Pipestone
Van Beek	Woodstock
Woodstock	Woodstock

*

POLK COUNTY

MALMBERG PRAIRIE

Open all year, daytime / 80 acres / private

Location: Two miles west of Eldred on County Road 45, then three miles north on County Road 56.

The Malmberg Prairie lies in the Red River Valley not far from Crookston. The tract lies in the flat bed of glacial Lake Agassiz. It is entirely grassland and mostly flat, with here and there a few low mounds containing pocket gopher colonies. The Malmberg land escaped plowing only because it was used as hay land; its chief value is that it represents a remaining fragment of the original soil and vegetation in an area so valuable for agriculture that practically all of it has been plowed. The area is open to researchers and students; no camping or recreation is permitted. The Nature Conservancy, which owns the land, requires visitors to refrain from any action that might damage the property; specific regulations are available at its office and include an absolute ban on vehicular traffic.

Contact: Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

MAPLE LAKE PARK

Open May 15 to Sept. 15 / 25 acres / public

Location: From Mentor, go south on County Rd. 12 to Maple Lake.

Maple Lake Park is a county park with a swimming beach, boat launching facilities, rest rooms, and picnic tables. The area is wooded with birch, maple, elm, ash, poplar, and basswood trees. The park is on the northwest shore of Maple Lake. Camping is permitted.

Contact: Polk County Engineer
Polk County Courthouse
Crookston, Minn. 56716
(218) 281-3952

POLK COUNTY FARMERS UNION ASSOCIATION PARK

Summer only, daytime / 17 acres / private

Location: Knute Township 148 N, R 42 W; three miles south of Erskine and three miles west on Lake Sarah.

This modernized, fully-equipped camp includes an auditorium, bunk rooms, kitchen, and an administration building. There is public access to Lake Sarah and access to Union Lake, owned by the Catholic Church. A non-profit organization rents the camp out to groups. Reservations are required a year in advance. Capacity: 175.

Contact: Fred Groninger, Custodian
Box 363
Crookston, Minn. 56716
(218) 281-4618

RED RIVER VALLEY NATURAL HISTORY AREA

Open warm months, daytime / 80 acres / open to educational groups

Location: Near University of Minnesota Technical College at Crookston; inquire there.

The tract contains plant communities representative of presettlement conditions as well as regrowth vegetation in a former gravel pit. There are aspen, cottonwood stands, prairie, a willow swamp and a cattail marsh. Soil textures range from heavy clays to light sandy soils which, at one point, support a dry prairie community of grama grass, lead plant, and pasque flowers. The area is a research and demonstration facility where various land management techniques are tested, including: reestablishment of prairie vegetation, controlled burning, and wildlife habitat development. A nature trail winds through the area. No camping.

Contact: W. Daniel Svedarsky, director
Red River Valley Natural History Area
Natural Resources Department
University of Minnesota Technical College
Crookston, Minn. 56716
(218) 281-6510

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*Split Rock Creek State Park has been erroneously placed in Brown County. It should have been placed in Pipestone County.

TILBERG PARK

Open May 15 to Sept. 15 / 20 acres / public

Location: From Fosston, take County Rd. 6 north to County Rd. 3, then go east to junction with County Rd. 29; park is between Perch and Cross Lakes.

Tilberg Park is a county park with access to Cross Lake. The wooded area is covered with maple, oak, birch, poplar, and basswood trees, plus other types of low-lying vegetation. Facilities include outdoor toilets, a well, a boat launching area, and campsites.

Contact: Polk County Engineer
Polk County Courthouse
Crookston, Minn. 56716
(218) 281-3952

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bee Lake	Erskine
Belgium	Crookston
Brandsvold	Fosston
Castor	Fosston
Chicoq	Melvin
Dorr	Erskine
Dugdale	Fertile
Enerson	Erskine
Erskine	Erskine
Godfrey	Fertile
Gully	Gully
Hangaard	Gully
Hasselton	Fosston
Hill River	Erskine
Hovland	Fosston
Kakaik	Erskine
Kroening	Fosston
LaVoi	Fosston
Lengby	Lengby
Lessor	McIntosh
Liberty	Fertile
Maple Meadows	Fertile
Onstad	Fertile
Pembina	Thief River Falls
Polk	Erskine
Rindahl	Fertile
Sagaiigan	Lengby
Shypoke	Fertile
Tilden	Fertile
Tympanuchus	Crookston

POPE COUNTY

GLACIAL LAKES STATE PARK

Open all year / 1,290 acres / state land

Location: Five miles south of Starbuck.

Glacial Lakes Park includes a segment of hills and valleys formed by the last glacier, which receded about 11,000 years ago. The largest of the several spring-fed lakes lies in the northwest segment of the park nestled between high hills which offer a 20 mile view in all directions from the top. The southwesterly portion of the park is gently rolling prairie land, with shallow lakes and ponds, representing an outwash from the receding glacier as it melted and shrunk to the northwest.

Facilities include campgrounds, pioneer group camp, picnic areas, swimming beach, fishing, boat rental, and foot, saddle, snowmobile and ski trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

KATHARINE ORDWAY PRAIRIE NATURAL AREA

Open all year, daytime / 310 acres / private

Location: East side of Minn. Hwy. 104, six miles north of Sunburg or seven miles southwest of Brooten; watch for sign.

The site consists of almost one-half square mile of relatively undisturbed prairie vegetation with a scattering of oaks and one small pond. A ten-acre gravel pit, not in operation, borders the area on the south. Although subject to grazing until its purchase by The Nature Conservancy, this tract is recovering from past utilization. Plants include big and little bluestem, needle grass, grama grass, pasque flower and prairie smoke. Deer, fox, and badger are common. Educators, researchers, and conservation-minded persons are welcome. No camping. The Nature Conservancy requires all visitors to avoid damaging the natural condition of its sites. Specific regulations are available at its office.

Contact: Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

STRANDNESS PRAIRIE

Open all year, daytime / 37 acres / private

Location: From Starbuck, go north on Minn. Hwy. 114 about four miles, then east on County Road 24 to the first intersection, turn north for one-half mile.

This tract is rolling prairie, developed on glacial morainic hills. Hilltops have a drier prairie flora and an abundance of silver-leaf psoralea, prairie aster, side-oats, and needle grass. The moister slopes have prairie larkspur, Philadelphia lily, goldenrods, sunflowers, and blazing stars. Wet areas support sedges and cordgrass. No camping. The area is open to amateur and professional naturalists. The Nature Conservancy, which owns the land, requires visitors to obey certain rules, available at its office, designed to protect the site from damage or destruction.

Contact: Dr. Robinson S. Abbott
The Nature Conservancy
University of Minnesota
Morris, Minn. 56267
(612) 589-2211

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 7,122 acres / federal land

Location: Headquarters in Benson.

From the office at Benson, 50 Federal Wetland units are managed in Pope county. All the units have terrain typical of the prairie pothole country — marsh, wetlands, some upland areas, and prairie-type vegetation. The units range in size from a few acres to several hundred. They are managed so as to produce and protect waterfowl.

None have sites specifically developed for environmental education, but some can serve this purpose. Interested groups, particularly school children, are advised to contact the headquarters office to arrange guided tours.

Most units open to hunting.

Contact: Wetland Management District Office
Benson, Minn.
(612) 842-9511

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bangor	Brooten
Farwell	Farwell
Heinks	Sedan
Little Jo	Sunburg
Lowry	Lowry
New Prairie	Starbuck
Noordmans	Cyrus
Nora	Lowry
Reno	Glenwood
Sedan	Sedan
Sharpness	Terrace
Star Lake	Glenwood
Van Luik	Cyrus
Volkmann	Cyrus
Wade	Lowry
White Bear	Starbuck

RAMSEY COUNTY

ALEXANDER RAMSEY HOUSE

Open all year, daytime / 0.75 acres / public

Location: At 265 South Exchange St. in St. Paul.

Alexander Ramsey was the first governor of Minnesota Territory and later served as the elected governor, a senator, and as secretary of war. His house, built from 1868 to 1872, is constructed of native limestone in the French Renaissance style, with a mansard roof, fifteen-foot ceilings, arched doorways, and long windows. The governor's study contains a bookcase, chest, and two chairs that were among the original furnishings. Elsewhere in the house are a hand-carved staircase, two marble fireplaces, crystal chandeliers, and the original Brussels carpet. Group tours are available.

Contact: Edna Reasoner
Ramsey House
265 Exchange Street
St. Paul, Minn. 55102
(612) 222-5717

BATTLE CREEK PARK

Open all year, daytime / 566 acres / public

Location: Near the intersection of the Lower Afton Road and U.S. Hwy. 61; another part is between the Upper Afton Road and U.S. Hwy. 12, in Maplewood.

Battle Creek part includes several parcels of county-owned land, each with different characteristics. One part is known as the old Jordan farm and has a pond, streams, wooded areas, and potholes. Another parcel, about 20 acres in extent, is flat, about one-quarter covered with willow and aspen. A third piece includes the Battle Creek ravine — a rocky, wooded area. The last part is the ski hill with ski tows, two 1,100 foot runs, and one 700 foot run; it is lighted for night skiing.

Other facilities include picnic tables, fireplaces, toilets, playground equipment, snowmobile trails, a dome shelter, and hiking trails.

Contact: Ramsey County Parks and Recreation Dept.
2010 N. White Bear Ave.
St. Paul, Minn.

LAKE JOSEPHINE

Open all year, daytime / 45 acres / public

Location: 3075 North Lexington Parkway.

On the southeast shore of Lake Josephine is a county park with recreational facilities including a beach, toilets, refectory, dome shelter, playground equipment, fireplaces, and drinking water. Across the street from this equipment is Little Lake Josephine, a much smaller body of water in a much wilder state. The lake is quite marshy and set in a bowl surrounded by slopes; it drains into the larger lake.

Contact: Ramsey County Parks and Recreation Dept.
2010 N. White Bear Ave.
St. Paul, Minn.

LAKEWOOD STATE JUNIOR COLLEGE NATURE PRESERVE

Open all year, daytime / 25 acres / school site

Location: On the campus, at 3401 Century Ave., White Bear Lake.

This site is located on gently rolling morainic soils, covered with a mature hardwood forest, and including several small ponds in various stages of succession. Self-guiding nature trails are being planned to display the different flora and to show the ponds in their stages of maturation. The site is open to students and to visitors by prior permission. No camping is permitted.

Contact: John Crowley, Biology Dept.
Lakewood State Junior College
White Bear Lake, Minn. 55110
(612) 770-1331

ST. PAUL'S COMO ZOO

Open all year, daytime / 10 acres / public

Location: In Como Park, east of the state fair grounds in St. Paul.

Como Park Zoo features such attractions as the rare Siberian tiger, clouded leopard, gorilla, and polar bear; it also has the commoner zoo and domestic animals. Sparky the Seal performs daily during the summer. Trained volunteers will give guided tours if requested in advance.

Also in Como Park are a flower conservatory, golf course, formal garden, waterfalls, boats, canoes and picnic grounds. There are concessions, food, and souvenir stands operating in warm months. No camping.

The zoo is open 8 a.m. to 8 p.m. in summer, 8 a.m. to 6 p.m. in winter.

Contact: John Fletcher, director
Como Park Zoo
St. Paul, Minn. 55103
(612) 488-3221

SCHMIDT PARK

Open all year, daytime / 40 acres / public

Location: 3500 Lake Johanna Boulevard, on the north end of Lake Johanna.

Schmidt Park is a small county park located on 200-acre Lake Johanna. The park includes a marsh into which the lake drains and an upland area with oak trees and picnic tables. Between the marsh and the lake is a small beach. The marsh is largely in its natural state; it has a plentitude of cattails and frogs.

Facilities include picnic tables, fireplaces, drinking water, playground equipment, baseball field, swimming beach, boat ramp, dome shelter, and hiking trails.

Contact: Ramsey County Parks and Recreation Dept.
2010 N. White Bear Ave.
St. Paul, Minn.

RED LAKE COUNTY

State Wildlife Management Areas

Unit Name	*Nearest Town*
Gervais	Plummer
Marcoux	Red Lake Falls
Moran	Red Lake Falls

REDWOOD COUNTY

ALEXANDER RAMSEY CITY PARK

Open warm months / 200 acres / public

Location: Northwest corner of the city of Redwood Falls; signs can be found on U.S. Hwy. 71 and Minn. 19.

The park is oblong-shaped, with the Redwood River running through the middle of it. At that point, the river has a number of rapids, gorges, and cliffs, providing both scenic beauty and geological observations. Within a short driving distance is considerable historical background relating to Indians and to the battle of Birch Coulee. The camp has sites for 26 overnight campers, plus cooking facilities and restrooms. No reservations needed.

Contact: Park Supervisor
Ramsey City Park
Redwood Falls, Minn. 56283
(507) 637-2635

CEDAR ROCK WILDLIFE MANAGEMENT AREA

Open all year, daytime / 500 acres / state land

Location: Slightly north of Redwood Falls near the Minnesota River.

The meandering Minnesota River borders the north side of this site. The area includes gently rolling cropland, pasture with steep hills and exposed granite, and flat areas with marsh. The 70 or more acres of timber vary from red cedar and oak on higher ground to the typical maple, basswood, cottonwood, and elm of the flood plain. Waterfowl, deer, beaver, mink, and songbirds can be observed. The general area is well-known for its history of clashes between early settlers and Sioux. The state will own the land by early 1973 and will eliminate most of the grazing and agricultural practices to let the area return to a more natural state. Plans include establishing a 70 acre impoundment for waterfowl. After the state takes over ownership, the site will be open to the public. No camping or snowmobiles.

Contact: Area Game Manager
Division of Game and Fish
223 E. 3rd St.
Redwood Falls, Minn. 56283
(507) 637-2320

LOWER SIOUX AGENCY SITE

Open all year, daytime / 122 acres / public

Location: From Junction of U.S. Hwy. 71 and Minn.19 (east of Redwood Falls) take County Rd. 2 for three miles; site is on south side of Minnesota River.

The Sioux War of 1862 began at this location with an ambush, in the late evening of August 18, at the Redwood Ferry. A large stone warehouse built in 1861 still stands on the grounds, but the rest of the area is wooded with some open land on the river's edge where structures formerly stood. A new Interpretive Center was built here in 1971 by the Minnesota Historical Society to explain Indian life to visitors. No camping, picnicking, or recreation on this site.

Contact: Ralph K. Shaver
Minnesota Historical Society
115 West 4th St.
Redwood Falls, Minn. 56283
(507) 697-6321

WAHPETON PRAIRIE

Open all year, daytime / 80 acres / private

Location: From Walnut Grove, go five miles north on County Road 5, then one mile east and one-half mile north on gravel roads.

The southwest corner is bluestem-porcupine grass prairie over stony calcareous till; a box elder-plum thicket borders the Cottonwood River in the southeast corner; and the remainder is cordgrass-bluestem prairie on fine sandy loam of a level alluvial terrace of the River. The lower parts are flooded annually, and a large abandoned oxbow meanders across the area. It has been mowed for hay but still contains many native species. Students and conservation-minded persons are welcome to visit; there is no camping. The Nature Conservancy, which owns the land, requires visitors to avoid activities that damage or destroy the natural state of the area; specific regulations are available at its office.

Contact: Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

State Wildlife Management Areas

Unit Name	*Nearest Town*
Daub's	Wabasso
Delhi	North Redwood
Gales	Walnut Grove
Honner	Redwood Falls
Lamberton	Lamberton
Luescher-Barnum	Redwood Falls
Mammenga	Revere
Rohlik	Seaforth
Sandy Slough	Milroy
Timm's	Wood Lake
Waterbury	Revere
Westline	Milroy
Willow Lake	Wabasso

RENVILLE COUNTY

BIRCH COULEE STATE PARK

Open all year, daytime / 82 acres / state land

Location: Two miles northeast of Morton on U.S .Hwy. 71.

Birch Coulee was the scene of one of the hardest-fought battles of the 1862 Sioux Uprising. At dawn on September 2 of that year a party of 140 white troops were ambushed by the Sioux, and surrounded for 34 hours, with hardly a moment's pause of the battle during that time. The troops had been sent from Fort Ridgely to bury settlers and soldiers killed at the Lower Sioux Agency and Redwood Ferry; they suffered heavy casualties in this battle. There is a small marker at the site now commemorating the battle.

There are no public campgrounds, but special arrangements can be made to accommodate Scout groups. There is a picnic site and a short foot trail.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

BEAVER FALLS PARK

Open all year / 200 acres / public

Location: Renville County Park #5 is located on County State Aid Highway #12 two miles west of Federal State Highway #71 in Beaver Falls Township at the site of the old Beaver Falls Village.

The bottom lands of Beaver Creek have become a prime county park. Facilities include: the old barn converted into a shelter house; picnic areas with tables, benches and fireplaces. Trails, roadways and pathways have been laid out and are presently being developed. Visitors are limited to a stay of 3 days.

Contact: County Auditor
(612) 523-2071

CAMP TOWN PARK

Open all year / 288 acres / public

Location: Just west of the junction of County Roads 16 and 5.

Renville County Park No. 4 is located along the Minnesota River. Included in the area is a small lake. The river bottom area and the wooded bluffs along the river are prime habitats for animals, and this park will be preserved as a natural park and wildlife sanctuary. Plans call for construction of a picnic shelter at an old home site, the improvement of natural trails, and the construction of a boat landing.

Contact: County Auditor
(612) 523-2071

SKALBEKKEN PARK

Open all year / 374 acres / public

Location: Six miles south and west of Sacred Heart Village on Cty. Rd. 10.

Skalbekken Park, Renville County Park No. 1, is bordered by Hawk Creek on the west and by the Minnesota River on the south. The river bottom and woodlands of its tributaries has been designated a natural forest and wildlife area; the stream channels and wood-covered bluffs are prime wildlife habitat.

Facilities include shelters and picnic areas, fireplaces, toilets, drinking water, and a concrete boat launching ramp. Motor trails, a bridge, cycle trails, and pathways have been laid out and will continue to grow as the park area is expanded to 600 acres. Visitors are limited to a stay of 3 days.

Contact: County Auditor
(612) 523-2071

TOWN AND COUNTRY PARK

Open all year / 277 acres / public

Location: On Cty. Rds. 15 and 6 in Sacred Heart and Flora Townships.

The Town and Country Park extends along the Minnesota River and includes its stream channels and wooded bluffs. The county park includes two camping and picnic sites: an upper site on a ridge of rock and cedar overlooking the river; and a lower site on the banks of the river, out of the high water district. Each site has a shelter, toilets, fireplace, tables, and playground equipment. A system of roads, paths, and trails will be completed soon. A new bridge over the river will be constructed in 1973, and the old bridge will be developed for hikers. Visitors must limit their stay to three days.

Contact: County Auditor
(612) 523-2071

State Wildlife Management Areas

Unit Name	*Nearest Town*
Daak	Stewart
Dysband	Sacred Heart
Trongard	Sacred Heart

RICE COUNTY

ALBERS PARK

Open all year, daytime / 6.85 acres / public

Location: On Union Lake adjacent to I-35 and Minn. Hwy. 19, about four miles west of Northfield.

Albers Park is a county park with 720 feet of shoreline on the east side of Union Lake. The area is wooded and well-drained, with a natural bench below a small wooded bluff. There is a picnic pavilion on the site but no camping facilities. Capacity is about 150 persons.

Contact: Parks and Recreation Dept.
Rice County Courthouse
Faribault, Minn. 55021
(507) 334-6337

FALLS CREEK PARK

Open all year, daytime / 64 acres / public

Location: One-fourth mile east of the Faribault City limits and about 30 rods north of Minn. Hwy. 60; access from the highway.

Falls Creek Park is a county park currently under development. Most of the area is wooded with Falls Creek running through the middle. There is a self-guided nature trail, a primitive campground and a picnic area.

Contact: Parks and Recreation Dept.
Rice County Courthouse
Faribault, Minn. 55021
(507) 334-6337

HERON ISLAND

Open all year, daytime / 6.4 acres / public

Location: From Faribault, take Minn. Hwy. 21 northwest to General Shields Lake.

Heron Island is a county-owned bird sanctuary. The Island is a nesting place for the well-known great blue heron and the American egret. No camping or picnicking is allowed because it would disturb the nesting birds.

Contact: Parks and Recreation Dept.
Rice County Courthouse
Faribault, Minn. 55021
(507) 334-6337

McCULLOUGH PARK

Open all year / 104 acres / public

Location: From Faribault, take Minn. Hwy. 21 west to Shieldsville; the park is a few miles west of that town in Sections 34 and 35, T 111N, R 22W.

McCullough Park is a county park under development at the current time. Part of the park consists of shoreline along Shields Lake, where a swimming beach and boat rental office will probably be established. Facilities include a picnic area and a few camp sites; plans call for development of 25 to 35 campsites.

Contact: Parks and Recreation Dept.
Rice County Courthouse
Faribault, Minn. 55021
(507) 334-6337

Spring comes to Nerstrand Woods State Park and its picturesque waterfall awakens with a roar.

NERSTRAND WOODS STATE PARK

Open all year / 650 acres / state land

Location: Sixteen miles southeast of Northfield.

Nerstrand Woods is one of the last remnants of the "Big Woods," the vast hardwood forest that once covered south-central Minnesota. Prairie Creek, with picturesque waterfalls, winds through the rolling hills of the park. The forest consists of oak, hard maple, basswood, elm, green ash, and ironwood, interspersed with hickory, butternut, walnut, poplar, black cherry, and blue beech.

Historically, the "Big Woods" was a haven for Sioux villages because of the shelter afforded by the trees. Later the woods provided building materials for white settlements.

Park facilities include campgrounds, pioneer group camp, a picnic site, foot trails, and snowmobile and ski trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

SHAGER PARK

Open all year, daytime / 7.6 acres / public

Location: Take Minn. Hwy. 60 west from Faribault to the southeast shore of Cannon Lake.

Shager Park is a county park of about 2,000 feet of shoreline on the southeast shore of Cannon Lake. It is used as a public swimming beach; there are a few picnic tables scattered throughout the park. No camping. The land is owned by the county, by Great Western, and by the state.

Contact: Parks and Recreation Dept.
Rice County Courthouse
Faribault, Minn. 55021
(507) 334-6337

State Wildlife Management Areas

Unit Name	*Nearest Town*
Boyd	Faribault
Faribault	Faribault
Milest	Northfield
Paulson	Northfield
Sakatah	Waterville

Cactus in Minnesota? They abound on the prairie soil of Blue Mounds State Park.

ROCK COUNTY

BLUE MOUNDS STATE PARK

Open all year / 925 acres / state land

Location: Seven miles north of Luverne.

The Blue Mounds State Park is so named because of the blue cast of the cliffs, especially apparent in late afternoon, as they are viewed from the east. Glaciers ground over this area twice, leaving rugged cliffs and large boulders scattered about. The rock, known as Morton Gneiss, is the oldest known rock in the United States, dated at 3.5 billion years old.

Sioux hunting parties made use of the cliffs by herding buffalo over them, thereby providing the Indians with a winter supply of meat, robes, and so forth. The area has not been grazed by cattle, and in many places the original prairie vegetation still exists — pricklypear, buffalo grass, and seven species of cacti.

Facilities include campgrounds, pioneer group camp, picnic sites, swimming beach, and 4 miles of foot and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

ROSEAU COUNTY

HAYES LAKE STATE PARK

Open all year / 2,600 acres / state land

Location: Twenty-two miles southeast of Roseau.

The park is surrounded by Beltrami Island State Forest except for a short area on the west and southwest side. Forest cover is mixed deciduous and evergreens and there is a great variety of flora and fauna. The headwaters of the Roseau River have been impounded to create a lake for recreational activities.

Facilities include campgrounds, fishing areas, nature trails, swimming beach, and foot, saddle, and snowmobile trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

ROSEAU HIGH SCHOOL FOREST

Open all year, daytime / 318 acres / school site

Location: Three miles east of Salol on Minn. Hwy. 11, then three miles north on Cty. Rd. 133.

Many nature trails wind through this thickly-wooded tract so students can see a large variety of trees and plants — hardwoods and conifers, berry plants, honeysuckle, wildflowers, and so forth. The site is ideal for learning to identify trees and plants, and elementary students are invited by the forestry-conservation class for nature hikes. The senior high classes also use the site for work in planting, thinning, nature study, and providing game habitat.

Contact: Elwin Leverington
Roseau High School
Roseau, Minn. 56751
(218) 463-1107

ROSEAU RIVER WILDLIFE MANAGEMENT AREA

Open all year / 61,333 acres / state land

Location: In the northwest corner of the county on the Canadian border; Roseau, Badger, and Greenbush are 25 miles to the south.

About 27 miles of dikes running through the center of the area form three large, shallow pools of water — about 12,000 acres total. Most of the area is flat and is flooded, every spring, by the Roseau River. About 40 percent of the area has brushy cover, 26 percent has sedge or open meadow, 5 percent has agricultural capabilities, 3 percent has conifer cover, and 23 percent is under water. From eight to ten thousand ducks are now produced annually on the area and during the migration period there are 25,000 to 45,000 birds within the unit. Other animals include geese, sharptailed grouse, ruffed grouse, moose, mink, muskrat, deer, wolf, fox, otter, rabbit, and a few black bear.

Tours can be arranged. Strict regulations are in effect

Two moose cross a snowy clearing at Roseau River Wildlife Management Area.

at all wildlife management areas. Consult the resident manager.,

Contact: Wildlife Area Manager
Roseau River WMA
Pine Creek, Minn. 56747

WARROAD SCHOOL FOREST

Open all year, daytime / 130 acres / school site

Location: Section 13, T 163 N, R 37W; lot 5, NW ¼ SW ¼, NE ¼ SW ¼.

This school forest is used by the forestry class to learn management of sawtimber, poletimber, saplings, seedlings, and cutting. The forest is chiefly jack pine, with some brush and blueberries.

Contact: Agricultural Dept.
School District 690
Warroad High School
Warroad, Minn.

State Wildlife Management Areas

Unit Name	*Nearest Town*
Border	Warroad
Roseau R.C.	Roseau

ST. LOUIS COUNTY

BEAR HEAD LAKE STATE PARK

Open all year / 4,110 acres / state land

Location: Eight miles off Minn. Hwy. 169 between Soudan and Ely.

As you enter Bear Head Lake State Park, you will drive over about six miles of winding wilderness road, passing by the 12 lakes within the park. Then you will pass a large Boy Scout camping area, then the contact and information station. Following the road to the left will take you to a steel mesh boat landing and parking lot on Bear Head Lake. Throughout the park is an evergreen forest with deer, moose, and bear.

Other facilities include a campground, pioneer group camp, picnic area, swimming beach, and hiking and snowmobile trails, boat rentals and fishing. The park has been kept as wild as possible. It is the sister park of the historical Tower-Soudan State Park.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

BURNTSIDE STATE FOREST

Open all year, daytime / 62,782 acres / state land

Location: Northwest of Ely a few miles.

Burntside State Forest has many lakes, the largest of which is Burntside, and it is good canoe country. The forest is composed chiefly of jack and Norway pine with many tree plantations. The terrain is hilly, with many outcroppings of granite. About one-third of the area is state-owned.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

CAMP AUSTIN

Open all year / 172 acres / scout camp

Location: On Long Lake; go north from Chisholm on Minn. Hwy. 73 two miles to County Road 84, then turn left for two miles, then turn north on Long Lake Road and go four miles.

Camp Austin, owned and operated by the Northern Lakes Girl Scout Council, is on the southeast shore of Long Lake. The camp area is mainly loam soil with a gentle slope; 40 acres is a primitive deep peat swampland surrounded by balsam second growth forest. The remaining area is woodland, chiefly aspen and birch, with many wildflowers. A natural clay at the lakeshore is used for ceramics. A primitive overnight site has been established in the balsam woods with water piped nearby. Buildings include a dining hall, lodge, 15 cabins (some with no electricity). Girl Scouts use the camp each summer, but other groups may request permission to use it during other months. Capacity: 72.

Contact: Northern Lakes Girl Scout Council Office
2031 Second Avenue East
Hibbing, Minn. 55746
(218) 262-2274

CAMP EASTON FOR BOYS

Summer only / 63 acres / private

Location: 5 miles northwest of Ely, 1 mile off Co. Rd. 88 on Little Long Lake.

Situated on the edge of the BWCA this private boys' camp has 5000 feet of shoreline on a small spring-fed lake. The site is heavily wooded with some virgin White Pine as well as Norway Pine, birch, balsam, aspen, and maple.

A marsh and peat bog could also be used for habitat study. A naturalist conducts an outdoor education program from June 15–August 15 which includes observation of fauna and flora and canoe trips into the BWCA. The camp has 8 dormitory buildings, a dining hall, and a lodge which are open through the summer months. The camp is open to the general public for a fee. Capacity: 80.

Contact:

Summer	Winter
Box 349, R.R. 1	10613 Vessey Road
Ely, Minn. 55731	Bloomington, Minn.
(218) 365-4910	(612) 944-1374

Owner & Director
Bernard J. Kukar

CAMP NORTHLAND FOR GIRLS

Summer only / 65 acres / private

Location: On north arm of Burntside Lake, 17 miles northwest of Ely; take road 88 north to road 603 (Echo Trail), go several miles and turn left for 4 miles.

This private girls camp, located on Burntside Lake, borders on the Burntside State Forest and is close to the Superior National Forest and BWCA. There are recreation and living facilities for a resident camp group of 150 persons. The program emphasizes recreation; a permanent environmental education program has not been developed. During summer the camp is operated for girls aged 8 to 17 years, but groups may reserve facilities for spring and fall.

Contact:

Summer	Winter
Box 689	2583 Hickory Lane
Ely, Minn. 55731	Deerfield, Ill. 60015
Mobile phone: ZB 8-2429	(312) 945-5965

Owner and Director
Mr. and Mrs. Albert Berglund

CLOQUET VALLEY STATE FOREST

Open all year / 316,204 acres / state land

Location: From Duluth take Cty. Rd. 4 north for 17 miles, then go east four miles to Cloquet River.

Cloquet Valley State Forest has a history of many old logging operations and of different types of transportation: there are abandoned railroad grades, the old Vermilion pack trail (also used by wagons and stagecoaches), and a network of rivers — the Cloquet River was chiefly used for local travel.

Within the forest of aspen, spruce, and balsam are several reservoirs used for producing electrical power; visitors can also see remnants of earlier dams. In Township 55-14 there is an old CCC Camp which has been restored; and there is an abandoned mill site on Indian Lake. A system of excellent trails wind through the forest. About one-eighth of the area is state-owned.

Facilities include five campgrounds, picnic sites, swimming areas, boat accesses, fishing spots, and canoe routes.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

DULUTH ZOO

Open all year, daytime / 12 acres / public

Location: At Fairmount Park at 71st Avenue West and Grand Avenue (Highway 23) in Duluth.

Properly called the Fairmount Zoological Gardens, the 12-acre zoo features about 80 animal exhibits, including hooved animals, pachyderms, bears, wolves, birds, big cats, European wild sheep, and bison. A museum-education building contains full mounted specimens of animals from the major continents. The animals are housed in various buildings so it is possible to visit the zoo in winter as well as the warmer months. There is a picnic area.

Contact: Arrowhead Zoological Society
Room 208, City Hall
Duluth, Minn. 55802

ICE HOUSE LAKE NATURE TRAIL

Open warm months, daytime / 20 acres / public

Location: Near Jefferson Elementary School in Hibbing.

This wooded area surrounds a small muck-bottom lake used for the harvesting of ice around the turn of the century; hence the name "Ice House Lake." The area is generally low and forested with tamarack, white cedar, spruce, black ash, poplar, alder, and high bush cranberry. A swampy area and the five-acre lake provide many aquatic plants and animals with habitat. Every May, on Earth Day, fourth graders are taken along the trail, which extends from the playground to the lake and across a small stream.

The area is not open for camping or picnicking.

Contact: Ray White
Ag Instructor
Hibbing High School
Hibbing, Minn. 55746

IMPERIAL SCHOOL CAMP

Summer only / 223 acres / church

Location: On the northern shore of Pelican Lake; go one mile north of Orr on U.S. Hwy. 53, then turn onto county road.

The Imperial School Camp includes landscaped and wooded areas with residential facilities for students, staff, and faculty. Teenagers associated with the Worldwide Church of God are instructed in summer sports, current events, religion, and ecology. Students must take a course in environmental education which concludes in a ten mile walk through wilderness areas, reviewing the flora, fauna, and geology of the north country. Voyageur canoe trips go into Canadian waters. Capacity: 650.

Contact: Floyd O. Lochner, Ed. D.
Imperial Schools
Pasadena, California

KABETOGAMA STATE FOREST

Open all year / 679,353 acres / state land

Location: North of Cook on U.S. Hwy. 53; forest stretches from few miles north of Cook to Canadian border.

The Kabetogama State Forest includes the northwestern portion of St. Louis County — a vast acreage of lakes, pines, and rocky shores. The Kabetogama peninsula, at the northern edge of the forest, will be included in the Voyageurs National Park when it is established. The forest is so large it is difficult to describe: cover is chiefly jack and Norway pine, birch, various hardwoods; there are the Black Duck, Pelican, Ash, and Vermilion Rivers, plus many lakes, which offer good canoeing. Wildlife include beaver, moose, bear, grouse, deer, and eagles, plus walleyes, northerns, and muskies. There are several tree plantations and forestry projects.

There are six campgrounds, including two on beautiful Lake Vermilion (with 360 islands and 1,000 miles of shoreline it is the largest lake, excluding Rainy Lake, within the forest). Visitors may also picnic, boat, canoe, fish, and hike. About one-fourth of the forest is state-owned.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

LAKE JEANETTE STATE FOREST

Open all year / 10,725 acres / state land

Location: On the Echo Trail, east of Buyck about 10 miles.

Lake Jeanette State Forest is partly within the BWCA and is accessible by the old Echo Trail, an Ely-to-Buyck route more suitable for hikers than for vehicles. The forest surrounds Lake Jeanette; it was largely cut over in the past 15 years but now aspen and jack pine are beginning to come back. The terrain is rolling with many rock outcroppings. Camping is possible within the BWCA area; there are no regular campsites. About one-eighth of the forest is state-owned.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

McCARTHY BEACH STATE PARK

Open all year / 1,320 acres / state land

Location: Twenty miles northwest of Hibbing.

McCarthy Beach was named by citizens of the area who learned to swim off the gently sloping, white sand shores of an acreage owned by a tolerant pioneer named McCarthy. When he died, a daughter sold the land to a lumberman who planned to cut the mature stands of white and Norway pine. The citizens of neighboring communities, alarmed at the lumberman's plans, began a long fight to get legislative approval for establishing the site as a state park.

The park is located between Sturgeon and Side Lakes which possess exceptional sand beaches. Facilities include campgrounds, picnic areas, swimming beaches, fishing, boat rentals, foot trails, and snowmobile and ski trails.

Contact: Division of Parks & Recreation
Centennial Building
St. Paul, Minn. 55155

NORMANNA 4-H NATURE TRAIL

Open warm months, daytime / 10 acres / public

Location: Exit from Woodland Ave. on Duluth's Skyline Drive and go north on County Rd. 37 to the Normanna Road, then right two and one-half miles to site.

At the entrance to the Nature Trail, on the Normanna Town Hall grounds, is a wildflower garden with more than 100 species. The trail then winds across a stream into a forest of birch, aspen, balsam, and other hardwoods. Alternate trails lead to an agate pit and to the headwaters of the French River, now a reservoir for Coho Salmon. All plants are named and wildlife habitats are indicated. There are fire pits and picnic tables at the entrance, plus latrines. Conducted tours may be requested in advance.

Contact: Mrs. Richard Knuckey
4715 Cooke Street
Duluth, Minn. 55804
(218) 525-1207

or Mr. and Mrs. George Cooke
(218) 525-1854

4H NORMANNA 4H
NATURE TRAIL

Normanna Nature Trail carries visitors to wildflowers, an agate pit and to headwaters of French River.

ORR SCHOOL FOREST

Open all year, daytime / 40 acres / school site

Location: On U.S. Hwy. 53, three miles south of Orr on the east side of the road.

This forty-acre site has a swamp in the middle and cedar, spruce, balsam, and aspen around it. The land was given to the school by the county and is used by high school forestry classes — Silviculture, tree measurements, and harvesting. The area is not open to camping.

Contact: Vo-Ag Dept.
Orr High School
(218) 757-3225

ROCK HILL PARK

Open all year, daytime / 30 acres / school site

Location: Part of the campus of the University of Minnesota at Duluth.

Rock Hill is an outcropping of Precambrian volcanic rock with an elevation of 1,275 feet, nearly 700 feet above Lake Superior. Low ground below the hill to the east and north was part of a shallow bay in glacial Lake Duluth; it is now rather flat and poorly drained. The area includes a maple-basswood forest, an arboretum, a man-made pond, a creek and spring, and a natural ski hill. Biology classes from the University use the area for field trips and projects, and the ski hill is used by physical education classes and by the public. There is no camping and no recreational vehicles are allowed on the site.

Contact: Department of Biology
University of Minnesota
Duluth, Minn. 55812
(218) 726-7263

ST. LOUIS COUNTY 4-H CAMP

Open warm months / 43 acres / private

Location: About four miles south of Biwabik on County Road 4; or, 55 miles north of Duluth on County Road 4.

On the east shore of Lake Eshquagama, the 4-H Club Camp is set in a managed jack and norway pine forest which includes a century-old jack pine stand. The site also has a typical spruce bog and many wildflowers, including Lady Slippers. The camp is near Indian mounds. During the summer children aged nine to 14 are taught environmental subjects including wilderness survival while they camp. There are cooking, sleeping, and sanitary facilities for 85 campers plus 18 staffers; there are no sites for overnight camping. If the camping sessions are not filled by 4-H members, non-members children may apply. The camp is also available for special group use fall or spring.

Contact: Tim Arneson
Asst. Extension Agent
111 Old Main
University of Minnesota
Duluth, Minn. 55812

Maple and basswood trees in autumn regalia at Rock Hill Park on the University of Minnesota Campus in Duluth.

STURGEON RIVER STATE FOREST

Open all year, daytime / 137,725 acres / state land

Location: Southwest of Linden Grove.

This state forest has rolling, rocky terrain with varied soils and popple, jack pine, and spruce trees. The Sturgeon River, a canoe route, and several other rivers and streams wind through the forest. There are several CCC tree plantations and some game habitat projects. Students might be able to stay at the Beatrice Lake Campground, but there are no regular campsites. Two-fifths of the land is state-owned.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

TALMADGE AREA

Open all year, daytime / 40 acres / school site

Location: From Duluth drive north on U.S. Hwy. 61 to the junction of County Road 40 and turn left, go to first cross road and turn left onto dirt road, go to its end.

The Talmadge 40 is a second growth birch forest growing on a knoll with a stream (Talmadge River) on the north side. The site is composed of at least five plant communities: birch-fir, alder bog, lowland balsam poplar, fir, and trembling aspen-sugar maple. It is open to students and researchers with permission of the Biology Department at the University of Minnesota at Duluth. No camping or picnicking permitted.

Contact: Dr. Andrew F. Robinson, Jr.
Biology Department
University of Minnesota
Duluth, Minn. 55812
(218) 726-7263

TOWER SOUDAN STATE PARK

Open all year, daytime / 982 acres / state land

Location: Two miles south of Tower, one-half mile north of Soudan on Minn. Hwy. 169.

Located on the shores of Lake Vermilion, the park contains the famed Soudan mine. The first shipment of iron ore — 240 tons in 1884 — marked the beginning of Minnesota's iron mining industry. The Vermilion range is one of the oldest in the world, dating back two billion years. Originally an open pit mine, it became an underground mine in the 1890s. The mine had 27 levels and was 2500 feet deep. After the mine was modernized with electricity, it produced about 15,000 tons of high grade ore each month. The mine was closed in 1962 and given to the state by United States Steel Corporation.

Visitors to the mine may take an hour-long tour of the surface mine and the underground areas. An experienced guide will explain all operations. The park includes picnic sites, hiking trails, and snowmobile trails; no camping is permitted. (Campers are referred to Bear Head Lake State Park, which is nearby.)

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

WHITE FACE RIVER STATE FOREST

Open all year, daytime / 4,480 acres / state land

Location: Go south from Payne on Cty. Rd. 7, then west on Cty. Rd. 133.

Most of this forest is lowland with spruce, tamarack, and cedar covering the loam and peat soils. The Whiteface River runs through the forest. The cedar is being thinned to provide deer with better habitat, and it is a good deer hunting area; there are also mink and beaver. About half the forest is state-owned.

Contact: Regional Forester
Box 220
Cloquet, Minn. 55720

YMCA CAMP WIDJIWAGAN

Open all year / 340 acres / YMCA camp

Location: Take the Echo Trail out of Ely to County Road 644, then take that road 2 miles going west.

About 30 acres is covered by camp buildings and recreation fields, and the remaining 300 are typical border country — aspen, balsam, and pine stands, bog, swamp, high rock cliffs, and beautiful sand beach on the north arm of Burntside Lake. A naturalist is available all summer and also by appointment during winter and fall months. Summer campers (teenagers) use the camp as a base for canoe trips; winter facilities housing 30 are open to all groups. Summer capacity is 135.

Contact: YMCA
475 Cedar Ave.
St. Paul, Minn. 55101
(612) 222-0771

State Wildlife Management Areas

Unit Name	*Nearest Town*
Stur-Shan	Chisholm

SCOTT COUNTY

SCOTT COUNTY PARK

Open all year, daytime / 144 acres / public

Location: Between County Roads 12 and 81, approximately 3 miles west.

Scott County is in the process of planning and acquiring this park at Spring Lake. The acreage includes lowland areas, lakeshore, wooded spaces, upland areas, and open grassy fields. Two lakes, Spring Lake and Prior Lake, are on the property. The area will not be open to overnight camping, and no facilities have yet been planned.

Contact: Scott County Park System
502 E. 1st Ave.
Shakopee, Minn. 55379
445-1578

State Wildlife Management Areas

Unit Name	*Nearest Town*
Karnitz	Belle Plaine
Mahoney	Belle Plaine
Michel	New Prague
St. Patrick	St. Patrick

SHERBURNE COUNTY

ELK RIVER ENCAMPMENT

Open warm months / 1,200 acres / scout camp

Location: Seven and one-half miles north of Elk River off U.S. Hwy. 169.

The site includes 700 acres of grassland and 500 of forest, and a small lake with a "wilderness" character; so far 40 different birds, 40 different kinds of plant life, and 12 different mammals — including badgers, foxes, muskrats and deer — have been identified. Girl Scouts have constructed a Fox Trail, leading to observation points near fox dens, and several other hiking trails. Facilities include a nature observation building, open shelters, a barn, a quonset building, and three overnight sites for tenting. Most of the Girl Scouts tent. During the summer an environmental educator plans programs for Day Campers. The use of the site is restricted to Girl Scouts and educational groups. Capacity: 400.

Contact: Greater Minneapolis Girl Scout Council
200 Gorham Building
7th Street & 2nd Avenue North
Minneapolis, Minn. 55403
(612) 338-0721

GEORGE FRIEDRICH PARK

Open all year, daytime / 60 acres / public

Location: In St. Cloud, at the east end of Michigan Avenue bordering the State Reformatory.

The park has several abandoned granite quarries now filled with water and used, by the more intrepid, for swimming. The sandy outwash soil has low upland ridges and sedge meadow lowlands. Because of the topography, past disturbances, and plantings, there is a wide variety of vegetation ranging from sedge meadow and low prairie through oak savannah to oak woods. Plantations of jack, red, and white pine illustrate the effects of competition. The flooded quarries are used for limnological studies by St. Cloud State College. There are no camping facilities and no lifeguard.

Contact: Biology Department
St. Cloud State College
St. Cloud, Minn. 56301

OLIVER KELLEY FARM

Open May to October, daytime / 189 acres / public

Location: Two miles south of Elk River on U.S. Hwys. 10, 52, and 169.

Oliver H. Kelley and six associates framed and adopted a constitution establishing the National Grange of the Patrons of Husbandry in 1867 which, with Kelley as executive secretary, grew into a nationwide farm movement. His farm, homesteaded in 1849, is now a Registered National Historic Landmark, "birthplace of organized agriculture in the United States." Kelley's second home has been restored by the National Grange. The Minnesota Historical Society maintains the site and offers guided tours May through October.

Contact: James Dingle
Kelley Farm
Box 306
Elk River, Minn. 55330
(612) 441-1619

SAND DUNES STATE FOREST

Open all year / 10,800 acres / state land

Location: Five miles west of Zimmerman on County Rd. 4; about 35 miles north of the Twin Cities.

Sand Dunes State Forest derives its name from its unstable, shifting areas of sand. More than one-fifth of the acreage has been stabilized by plantations of pines and wildlife shrubs by the Division of Lands and Forestry. The success of experimental plantings led to development of a million-dollar Christmas tree industry.

There is a primitive campground, on Ann Lake, plus 18 miles of snowmobile trails. Sherburne National Wildlife Refuge bounds the state forest on the north.

Contact: Regional Forester
2300 Silver Creek Rd.
Rochester, Minn. 55901

SHERBURNE COUNTY 4-H CAMP

Summer only / private

Location: Six miles west of Zimmerman on County Road 4 in the Sand Dunes State Forest.

The camp is located near the center of the 4,000 acre Sand Dunes State Forest, within walking distance to Ann Lake, and close to the 32,000 acre Sherburne National Wildlife Refuge. Rangers at the wildlife refuge discuss the fauna, including resident flocks of Canadian Geese, with visitors. School groups, church groups, 4-H clubs, scout troops and conservation groups use complete cooking, sleeping, restroom and shower facilities for 100 campers. Overnight camping is available at the adjoining state park campgrounds. The main attraction is, of course, the few remaining sand dunes which are being stabilized by the Division of Lands and Forestry and the wildlife refuge.

Contact: Glen Ertel, extension agent
Sherburne County Extension Office
326 Lowell Ave.
Elk River, Minn. 55330
(612) 441-1341

Countless wildlife species, from Great Horned Owls to rare Trumpeter Swans, are found at Sherburne National Wildlife Refuge.

SHERBURNE NATIONAL WILDLIFE REFUGE

Open all year, daytime / 30,500 acres / public

Location: From Twin Cities, go north on U.S. Hwy. 169 to County Road 9, then west five miles.

The Sherburne National Wildlife Refuge is primarily a refuge for migratory birds, although most of the area is open to the public for wildlife-oriented recreation. Shallow marshes and lakes interspersed with oak, birch, aspen and tamarack forests, plus meadows of tame and native grasses, afford a large amount of cover. With the cessation of farming in the past four or five years, succession is in progress. About 45 miles of the St. Francis River meanders through the area with numerous oxbows, pools, and potholes. The soil is very sandy; Sand Dunes State Forest is nearby.

The Mahnomen Wildlife Trail offers visitors three looks at the Refuge. The hiker's portion of the trail has no interpretive signs; about midway along the two and one-half mile trail you can see a cranberry bog, now becoming rare in this part of Minnesota.

A second loop of the trail leads you through one and three-fourths miles of woods, fields, and marsh. A floating boardwalk on this trail affords a close view of a pothole.

The first loop of the trail is about one mile long. Along the trail there are more than 30 Indian burial mounds dating back 3,000 years. Further along is an observation tower overlooking Rice Lake. 600 acres of marsh and water habitat used by ducks, geese, swans, and shorebirds. The ripening of wild rice and the migratory flights which come to harvest the crop in late summer is a major attraction of the Refuge.

Various school, social, and recreational groups use the Refuge as an outdoor classroom. Printed materials are available to guide students in collecting and interpreting information. Eventually, there will be a visitor center-museum overlooking a six-mile long impoundment managed for sport fishing, plus a canoe route, and a large recreational area.

Camping is not permitted. The Refuge Manager asks that visitors take only pictures and leave only footprints.

Contact: Refuge Manager
Sherburne National Wildlife Refuge
Box 158
Princeton, Minn. 55371
(612) 389-3323

TALAHI AREA

Open all year, daytime / 20 acres / public

Location: In east St. Cloud, at intersection of Kilian Blvd. and Minnesota Blvd.

The Talahi Area borders the Mississippi River and includes three levels of glacial river terraces and a small area of flood plain. The upper terrace has an excellent example of oak savanna and a conifer plantation. The middle terrace has pioneer oak woods. The lower terrace has a pond and prairie grasses. The area is used by St. Cloud State College classes and is open to the public. No camping and no motorized vehicles.

Contact: Biology Department
St. Cloud State College
St. Cloud, Minn. 56301

State Wildlife Management Areas

Unit Name	*Nearest Town*
Blue Hill	Princeton
Fremont	Elk River
Kunkel	Princeton
Santiago	Becker

SHERBURNE COUNTY
STEARNS COUNTY

BEAVER ISLANDS

Open all year, daytime / about 140 acres / private

Location: In Mississippi River below the dam in St. Cloud; access from college-owned Talahi Area.

Beaver Islands were visited and named by Zebulon Pike on October 10, 1805, who recorded in his journal, "Came to large islands with strong water early this morning. These I called the Beaver Islands from the immense signs of these animals, for they have dams on every island." Today the islands are excellent examples of flood plain succession, with flood plain woods grading into lowland hardwood forest. The entire area is honeycombed with sand bars, gravel bars, mud flats, and interconnecting channels.

Most of the islands are owned by Northern States Power, and the rest by the St. Cloud Wildlife Club and the Alumni Association of St. Cloud State College. Because of the shifting topography, it is difficult to say how much land is included. Beaver still build lodges along the banks but no dams are seen now. There are no camping facilities. St. Cloud State college uses the area for field trips.

Contact: Alumni Association
St. Cloud State College
St. Cloud, Minn. 56301

or Biology Department
State College
St. Cloud, Minn. 56301

SIBLEY COUNTY

State Wildlife Management Areas

Unit Name	*Nearest Town*
Altnow	Gaylord
Faxon	Belle Plaine
Grundmeyer	Gibbon
Indian	Winthrop
Sigler	LeSueur

STEARNS COUNTY

BELGRADE SCHOOL FOREST

Open all year, daytime / 10 acres / school site

Location: Section 123N, Crow River Twp., R 34W; Belgrade is at the intersection of U.S. Hwy. 71 and Minn. Hwy. 55 and the site is on the new high school site.

About ten acres on the south edge of the new high school site is low land, including two sloughs, and one of them will be developed into a pond with steep and shallow shore areas to provide several habitats. The Forestry Department is supervising the planting of a small forest in this area; some seedlings were planted in the fall of 1971 by biology students. The forester and a state conservationist are also planning nature trails. The area is being used by Belgrade high school students in their science classes. No camping.

Contact: O. E. Dahl, Superintendent
Belgrade Public School
Belgrade, Minn. 56312
(612) 254-8211

BIRCH LAKES STATE FOREST

Open all year / 637 acres / state land

Location: From Melrose, take Cty. Rd. 13 north for five and one-half miles, then Cty. Rd. 17 east one and one-half mile, then north two miles, then east on forest road.

This state forest has rolling hills covered with hardwoods and several lakes, Little Birch and Big Birch. There is an old road that dates back to horse-and-buggy days too.

Facilities include a hiking trail, campsites, picnic areas, swimming beach, boat ramp, and fishing. About two-thirds of the land is state-owned.

Contact: Regional Forester
2300 Silver Creek Rd.
Rochester, Minn. 55901

COLD SPRING HERON COLONY

Open April to mid-July, daytime

Location: Two miles east of Cold Spring on Minn. Hwy. 23; Section 13, T 123N, R 30W.

After the last glacial period, moraine hills in this area were traversed by the Sauk River, gradually forming river terraces, flood plains, and levees. The levees impounded water areas which became peat bogs. The tamarack bog forest is being replaced now by lowland hardwoods. The Great Blue Heron Colony nesting area is situated on the levee and partly on the bog; observers, who are not admitted during the nesting season, may watch the Colony from a nearby hill. The Nature Conservancy, which owns the property, requires visitors to avoid damaging in any way the natural qualities of the site; specific regulations may be obtained at its office.

Contact: Minnesota Chapter
The Nature Conservancy
329 West 15th St.
Mpls., Minn. 55403

HERITAGE SCOUT RESERVATION

Open all year / 1,200 acres / scout camp

Location: Three miles east of Fairhaven.

The 1,200-acre site includes some tracts of virgin hardwood forest, a pine plantation, and areas of once-cultivated land now reverting to a natural state. The soil is gravelly and sandy. The Clearwater River, more a stream than a river at this point, runs through the property. Deer, fox, grouse, beaver, otter, and nesting birds can be seen. The Department of Natural Resources is assisting the Boy Scouts in developing the land. Researchers and organized groups may request permission to use the property. Overnight outdoor camping can be arranged.

Contact: Director of Camping
Viking Council, Boy Scouts
314 Clifton Avenue
Minneapolis, Minn. 55403
(612) 333-4274

MELROSE HIGH SCHOOL

Open all year, daytime / 40 acres / school site

Location: West End Site.

About half of the acreage is forest and grassland. There are 10 different tree types and some smaller wildlife species. The site is used for environmental education classes at Melrose Public School and for some athletic events. Access to area is from Main Street.

Contact: Dan VonBank
Vo-Ag Instructor
Melrose High School
Melrose, Minn. 56352
(612) 256-4224

PARTCH WOODS

Open all year, daytime / 80 acres / private

Location: Five miles northwest of St. Joseph on State Aid Hwy. 3.

Partch Woods has level or gently rolling topography. A small spring originates on the property and flows to an adjoining woods, disappearing in a peat meadow. Part of the tract was logged as recently as 1957, but the sugar maple-basswood forest is slowly returning. Students from local colleges are conducting vegetation and fauna research and have studded the area with survey stakes, scientific recording instruments, and so forth; please do not remove them. The area is open to students and conservation-minded persons. No camping. The Nature Conservancy, which owns this tract, requires visitors to avoid activities that damage or destroy the natural state of the area; specific regulations can be obtained from their office.

Contact: Max Partch
Biology Department
State College
St. Cloud, Minn. 56301
(612) 252-2014

PECK'S FARM

Open all year, daytime / 220 acres / private

Location From St. Cloud, take Minn. Hwy. 23 going southwest to Rockville (8 miles), then continue one and one-half miles west on a dirt road north of Sauk River.

Dr. John Peck's farm included 100 acres of cropland and 120 acres of woods, bogs, and wet grasslands. Dr. and Mrs. Peck are biologists, and give instruction to boy scouts and girl scouts who camp on their farm. Currently a boy scout troop is planting shrubs, building a canoe landing, and planting conifers and hedgerows. The farm is two miles downstream from the Nature Conservancy's heron rookery. Such fauna as deer, fox, rabbits, hare, skunk, squirrels, wild turkeys and beaver can be seen in the woods.

Contact: Dr. John Peck
Route 4
St. Cloud, Minn. 56301
(612) 685-3365

ROSCOE PRAIRIE

Open all year, daytime / 52 acres / private

Location: Two miles west of Roscoe on Stearns County Road 16, then south on unmarked road along west side of tract to Great Northern Railroad tracks.

Roscoe Prairie is mostly flat with some low, wet spots, and a few mounds on the higher south side. The tract lies in a valley which may once have been part of a glacial river or lake. Many species of birds live here, including the upland plover, marbled godwit, and marsh wrens; plus such insects as the rare Dakota skipper butterfly, regal fritillary butterfly, and the buckmoth; plants include the ground plum, northern bedstraw, lead plant, purple cone flowers, blazing stars, and asters. The site is open to small groups of students or researchers. No camping. The Nature Conservancy, which owns the land, requires visitors to avoid damaging or destroying the natural conditions of the site; specific regulations may be obtained at its office.

Contact: I. J. Muggli
Roscoe, Minn. 56371
(612) 243-4173

ST. JOHN'S ABBEY

Open all year, daytime / 2,400 acres / school site

Location: On Minn. Hwy. 52, three miles northwest of St. Joseph.

The rolling morainic hills surrounding St. John's University and Abbey are covered with a nearly mature maple-oak-basswood forest and about 100 acres of 30-year-old planted conifers. The area is an established game refuge, with beaver, mink, a duck nesting area on a large lake, a considerable deer herd, the rare pileated woodpecker, owls, hawks, herons, and so forth. The area was once a hunting ground for the Ojibway Indians, and an Indian chief is said to be buried along the shore of the largest lake. Biology classes use the area for field trips and projects. Students and researchers may request permission to use the area in summer when the university is not in session. No motorized vehicles. No campsite presently available.

Contact: Brother Leonard
St. John's Abbey
Collegeville, Minn. 56321
(612) 363-7761

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 2,364 acres / federal land

Location: Headquarters in Benson.

From the office at Benson, 15 Federal Wetland units are managed in Stearns County. All the units have terrain typical of the prairie pothole country — marsh, wetlands, some upland areas, and prairie-type vegetation. The units range in size from a few acres to several hundred. They are managed so as to produce and protect waterfowl.

None have sites specifically developed for environmental education, but some can serve this purpose. Interested groups, particularly school children, are advised to contact the headquarters office; guided tours can be arranged.

Most units open to hunting.

Contact: Wetland Management District Office
Benson, Minn.
(612) 842-9511

State Wildlife Management Areas

Unit Name	*Nearest Town*
Padua	Glenwood
Sauk River	Sauk Centre
Tamarac	Belgrade
Tower	Westport
Zion	Paynesville

STEELE COUNTY

BEAVER LAKE COUNTY PARK

Open warm months, daytime / 3 acres / public

Location: West of Ellendale two miles on Minn. Hwy. 30, then north one mile on County Rd. 28.

Beaver Lake County Park is a small park which serves as a popular beach and boat launching area. Facilities include a bath house, picnic shelter, picnic tables, parking lot, and playground equipment. The park will soon be expanded to nine acres. There is no camping allowed.

Contact: County Zoning Administrator
Steele County Courthouse
Owatonna, Minn.
(507) 451-2483

CRANE CREEK SCHOOL PARK

Open all year / 4 acres / public

Location: West of Owatonna three miles on Minn. Hwy. 14, the park is on the north side of the road.

Crane Creek School Park includes a rural school building, now used as a community center, and four acres of park land. Crane Creek flows along the east side of the property. Facilities include picnic tables, swings, a well, and a ball diamond. The area is open for overnight camping.

Contact: County Zoning Administrator
Steele County Courthouse
Owatonna, Minn.
(507) 451-2483

RICE LAKE STATE PARK

Open all year / 685 acres / state land

Location: Ten miles east of Owatonna on County Rd. 19.

Rice Lake was named for the wild rice growing here until after white settlement in the 1850s, when drainage altered the lake so that wild rice will no longer grow successfully here. East of the park is "Claremont Street," an area settled by the first settlers here from Claremont, New Hampshire. North of the park boundaries is a stagecoach road used in the mid-1880s, and the remains of a small village. Mill owners on the Zumbro River to the east of the park constructed dams and dikes at Rice Lake to channel all possible water their way; that settlement died, too.

The park is an interesting one because of the local history, and because many species of birds now nest in the lake. There are primitive campsites, pioneer group camp, hiking trails, picnic sites, snowmobile trails, fishing and swimming beach.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Aurora	Owatonna
Oak Glen	Blooming Prairie
Pogones	Blooming Prairie
Somerset	Owatonna
Swan Lake	Owatonna

STEVENS COUNTY

ALBERTA WILDLIFE FEDERATION REFUGE

Open all year, daytime / 85 acres / private

Location: From junction of U.S. Hwy. 59 and Minn. Hwy. 28 go west to Alberta; site is two and one-half miles west of Alberta and one mile south.

The wildlife refuge is bordered on the south by Clear Lake, a stopping place for waterfowl on their migratory flights, and by Mud Lake, a marshy, drained area with good cover for pheasants, deer, and other wildlife. The Alberta Wildlife Federation and the owner, Mr. Cook, have posted the area against hunting, have established feed plots, and feed the pheasants in winter. There are no trails and no camping or picnicking facilities. Upon inquiry, permission could be granted to enter the area.

Contact: Ray Cook
Alberta, Minn. 56207
(612) 324-7222

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 4,849 acres / federal land

Location: Headquarters in Benson.

From the office in Benson, 46 Federal Wetland sites are managed in Stevens County. All the units have terrain typical of the prairie pothole country — marsh, wetlands, some upland areas, and prairie-type vegetation. The sites range in size from a few acres to several hundred, and they are scattered around the country. They are managed so as to produce and protect waterfowl.

None have sites specifically designed for environmental education, but some can serve this purpose. Interested groups, particularly school children, are advised to contact the headquarters office; guided tours can be arranged.

Most units open to hunting.

Contact: Wetland Management District Office
Benson, Minn.
(612) 842-9511

State Wildlife Management Areas

Unit Name	*Nearest Town*
Alberta	Alberta
Benson	Morris
Boekholt Grove	Donnelly
Brouillet	Morris
Chokio	Chokio
Cin	Chokio
Coleman	Morris
Dablow	Alberta
Dolven	Morris
Everglade	Donnelly
Klason	Morris
Kline	Donnelly
Mathison	Alberta
Old Gravel Pit	Chokio
Riemers	Alberta
Robertson	Chokio
Selk	Morris
Thedin	Donnelly
Weiler	Morris

SWIFT COUNTY

APPLETON LAKE PARK

Open all year / 100 acres / public

Location: Along U.S. Hwy. 59 approximately one mile east of Appleton; Sections 11 and 12, T 120N, R 43W.

This county park has been developed in an abandoned gravel pit once owned by the Milwaukee Railroad. Most of the acreage is wooded, and the remainder split between grassland and an artificial lake. The lake has been stocked with northern pike, crappies, sunfish, and bass; other wildlife in the park include whitetail deer, rabbits, pheasants, and songbirds.

Biology and science classes from Appleton use the area. Since the last operation of the gravel pit, 40 years ago, the grasses and native vegetation have naturally reclaimed the scarred earth; the cottonwood trees are now 30 to 40 feet tall.

Facilities include toilets, fireplaces, picnic tables, drinking water, boat launching ramp (for the Pomme-de-Terre river, just across the highway), and camp sites.

Contact: Mrs. Frances Perrizo
County Auditor
Benson, Minn. 56215

MONSON LAKE STATE PARK

Open all year, daytime / 200 acres / public

Location: Four miles southwest of Sunburg.

Monson Lake State Park is the site where on August 20, 1862, 14 white settlers of the Scandinavian settlement of West Lake were killed by Indians. The families of Daniel P. and Anders P. Broberg were virtually wiped out with only one survivor from each of the two families. One of the cabin sites from the original settlement is still visible within the park.

There are 12 primitive campsites at the park, picnic grounds, and a fishing spot.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

SWIFT FALLS PARK

Open all year / 123 acres / public

Location: Near Swift Falls; accessible by hard-surface roads from Minn. Hwys. 104 and 9.

This 123-acre park is located in the hilly region of the Chippewa River. The area has never been cultivated and wildlife abound — deer, rabbit, and numerous songbirds. About half the acreage is wooded, and the remainder is grassland; the facilities have been confined to 23 acres of the park, and the rest is in its natural state. In the spring the river is excellent for fishing, especially below the dam, where a 60-foot wide waterfall of sparkling clear water comes tumbling over and rushes away through the rocky streambed.

Facilities include drinking water, toilets, picnic shelters with stoves, picnic tables, fireplaces, and primitive campsites. Footbridges cross the river.

Contact: Mrs. Frances Perrizo
County Auditor
Benson, Minn. 56215

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 4,370 acres / federal land

Location: Headquarters in Benson.

From the office at Benson, 22 Federal Wetland units are managed in Swift County. All the units have terrain typical of the prairie pothole country — marsh, wetlands, some upland areas, and prairie-type vegetation. The units range in size from a few acres to several hundred. They are managed so as to produce and protect waterfowl.

None have sites specifically developed for environmental education, but some can serve this purpose. Interested groups, particularly school children, are welcome to contact the headquarters office to arrange visits; guides can be provided.

Most units open to hunting.

Contact: Wetland Management District Office
Benson, Minn.
(612) 842-9511

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bench	Benson
Camp Kerk	Benson
Danvers	Benson
Ehrenberg	Appleton
Hayes-Myhre	Murdock
Henry X	Benson
Hollerberg	Benson
Jossart	Benson
Monson	Murdock
Persen	Appleton
Shible	Appleton
Tjosaas	Danvers

TODD COUNTY

CENTRAL MINNESOTA DEMONSTRATION-RESEARCH IRRIGATION FARM

Open all year, daytime / 320 acres / school site

Location: One and one-half miles northwest of Staples.

This Farm, owned and operated by the Staples Area Vocational-Technical School, is managed for three purposes: to demonstrate irrigation equipment; to study and develop sources of ground water for irrigation; and to study and demonstrate higher-return crops to balance the investment in irrigation.

The farm includes two lagoons and seven wells. Various research projects are carried on and instruction is given relating to irrigation; visitors are welcome. Camping and picnicking are not allowed.

Contact: Wil Meierhofer, director
Demonstration-Research Irrigation Farm
Area Vocational-Technical School
Staples, Minn. 56479
(218) 894-2430

RIVER GLEN GARDENS

Open warm months / 72 acres / private

Location: From Sauk Centre, go nine miles north on U.S. Hwy. 71 to Little Sauk; gardens are three-quarters mile west; inquire at post office.

River Glen Gardens is a privately-developed area with hillside gardens and wildflowers. The soil is moraine, and the topography is hilly; many springs on the property pour into nearby Sauk River. Indian artifacts can be found on the site and in a museum of natural history. Mr. Wienhold, owner and developer, has given tours to school groups and will give talks on all topics of the environment to visitors. No camping.

Contact: Ronald A. Wienhold
Little Sauk, Minn. 56346
(612) 732-3737

STAPLES SCHOOL FOREST

Open all year, daytime / 80 acres / school site

Location: Eight and one-half miles southeast of Staples.

The Staples School Forest contains 70 acres of forest on a sandy, flat soil, and 10 acres of grassland. The area is used by elementary school students on field days and by high school students learning tree identification, planting, pruning, harvesting, and the construction of fire trails. The area has most species of wildlife found in the county, and every spring students observe the birds and animals. Camping and picnicking are not permitted.

Contact: Staples Area Vocational Technical School
Staples, Minn. 56479

State Wildlife Management Areas

Unit Name	*Nearest Town*
Buckhorn Lake	Grey Eagle
Burleene	Browerville
Dower	Staples
Grey Eagle	Grey Eagle
Hollister	Osakis
Iona	Browerville
Ireland	Grey Eagle
Lasher	Long Prairie
Lawrence	Staples
Long Prairie River	Eagle Bend
Oak Ridge	Grey Eagle
Osakis	Osakis
Philbrook	Motley
Randall	Osakis
Sheets Lake	Browerville
Staples	Staples
Turtle Creek	Browerville
Villard	Staples

TRAVERSE COUNTY

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 2034 acres / federal land

Location: Headquarters at Ortonville.

From the office at Ortonville, nine Federal Wetland units, ranging in size from 79 acres to 535 acres, are managed in Traverse County. All the units have terrain typical of the prairie pothole country — marsh, low-lying wetlands, some upland areas, and prairie-type vegetation. The units are managed so as to produce and protect waterfowl.

None have sites specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school groups, are invited to contact the headquarters to arrange visits; guides can be provided, but groups must bring their own teachers.

No camping or picnicking. Some units open to hunting.

Contact: Charles W. Gibbons, manager
Big Stone National Wildlife Refuge
Ortonville, Minn.
(612) 839-3700

State Wildlife Management Areas

Unit Name	*Nearest Town*
Foley	Browns Valley
Reservation Dam	Wheaton
White Rock Dam	Wheaton

WABASHA COUNTY

BEAR VALLEY DAM

Open warm months, daytime / private farm

Location: Section 9, T 110N, R 14W; farm is one mile south, one mile east, then south to the second house from Bellchester.

The Bear Valley Watershed Dam, comprising about seven acres with a water capacity of four acres, was constructed by the federal government to protect the rich farm land in Bear Valley below the site, part of which is owned by Gerald Tomfohrde. Tomfohrde's farm, known as Windy Acres Dairy Farm, is a good example of conservation practices in use. He has contour strips, terraces, a half mile of grass waterways, a farm pond, plus the federal dam. Visitors are welcome; the area is not open to camping.

Contact: Gerald Tomfohrde
Mazeppa, Minn. 55956

CARLEY STATE PARK

Open all year / 210 acres / state land

Location: Four miles south of Plainview.

This area was donated to the state by State Senator James Carley so that the outstanding grove of white pine would be preserved for posterity. In 1954 an extremely severe local hailstorm killed almost all of these trees. The damaged trees were salvaged for lumber and the grove has since been replanted.

The park embraces a segment of the north branch of the Whitewater River, and the white pine grove is located in its rugged steep-sloped valley. There is also a natural open hillside for winter sledding and skiing.

Facilities include a primitive campground, pioneer group camp, a picnic site, a fishing spot, and three miles of foot trails.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

State Wildlife Management Areas

Unit Name	*Nearest Town*
Gravel Pit #3075	Mazeppa
I.W.L.	Zumbro Falls
McCarthy Lake	Kellogg
Zumbro	Wabasha

WADENA COUNTY

CROW WING CANOE TRAIL

Open warm months / 75 miles long / public

Location: Starting point is at Blueberry Bridge, northeast of Menahga.

The canoe trail covers 75 miles of slow-moving, scenic river. Twelve campsites, scattered at convenient distances along the trail, have toilet facilities, pumps, and ample campgrounds. Among the more interesting sites are the following: Shell City Campsite was once the location of a button factory, where buttons were made from the shells of fresh-water clams dug from the Shell River; Huntersville Forest Campsite is in the heart of the several thousand acre Huntersville State Forest, which has miles of old logging trails; Little White Dog Campsite was an Indian lookout point, and the high bluffs were used for Indian gatherings and ceremonies; Bullard Bluff Campsite was called Hog Haven in early Wadena county history because of the wild hogs running free. A wilderness Saddle and Snowmobile Trail, an overland route of 45 miles, lies along the canoe route.

Contact: Wadena County Crow Wing Trails Assn.
Sebeka, Minn. 56477
(218) 837-5467

LYONS STATE FOREST

Open all year, daytime / 640 acres / state land

Location: South few miles from Nimrod on Cty. Rd. 26.

This forest contains a large impoundment of water for wildlife habitat — ducks, geese, and nesting birds. The terrain is level with sandy soils and marsh areas; part of the area was severely burned ten years ago and is now growing back. Trees include aspen and jack pine. The Crow Wing Canoe Route goes through the forest, but there are no regular campsites or picnic areas. There are a few miles of hiking trails. Seven-eighths of the forest is state-owned.

Contact: Regional Forester
Box 648
Brainerd, Minn. 56401

SEBEKA SCHOOL FOREST

Open all year, daytime / 80 acres / school site

Location: Ten miles east of Sebeka, four miles south, and two miles east.

This 80-acre school forest was once a cut-over area but it has slowly grown back. A creek flows across the northern portion, emptying into the Crow Wing River at the upper northeast corner of the site. Trees include jack pine, aspen and brush, and plantations of red pine. The soil ranges from loamy sand on the higher ground to peat in low areas.

Students at Sebeka use the forest for classes in forest management, planting, thinning, pruning, and Christmas tree management. It is a good deer and ruffed grouse area. Visitors are welcome but no camping is allowed.

Contact: Delbert Harrington
Vo-Ag Instructor
Sebeka High School
(218) 837-5102

State Wildlife Management Areas

Unit Name	*Nearest Town*
Dry Sand	Nimrod
Huntersville	Huntersville
Strike	Nimrod

WASECA COUNTY

WASECA COUNTY COURTHOUSE PARK

Open all year / 180 acres / public

Location: Four miles southwest of Waseca; follow the signs.

This county park is 180 acres of timber, grassland, and open area on the shore of the LeSueur River. It was the site of the first settlement in the county and visitors can see an old stagecoach trail. The area is open to overnight camping and picnicking but there are no facilities.

Contact: County Auditor
Waseca County Courthouse
Waseca, Minn.
(507) 835-1880

State Wildlife Management Areas

Unit Name	*Nearest Town*
Findley	Waseca
Moonan	Waseca
Mueller	Waldorf
Teal	New Richmond
Waseca	Waseca

WASHINGTON COUNTY

AFTON STATE PARK

Open all year, daytime / 675 acres / state land

Location: 15 miles north of Hastings on Minnesota-Wisconsin border.

Afton State Park is an unusually diversified and scenic portion of the St. Croix with the one outstanding point of access on the lower river between Afton and Pt. Douglas. Trout Brook Delta, the access site, includes 2,000 feet of beach and a sizable harbor. The terrain is gently rolling, with hills as high as 300 feet; about a third of the tract is forested. Soil types are mixed, ranging from silt loams to undifferentiated alluvials.

This is one of the newest parks in the State Park system, and its facilities have not been developed yet.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

BELWIN OUTDOOR EDUCATION LABORATORY

Open all year, daytime / 500 acres / school site

Location: Near Afton; take U.S. Hwy. I-94 east from Twin Cities to County Rd. 21, then south two miles.

Belwin is a privately-owned tract operated by the St. Paul public schools for outdoor education for grades kindergarten through 12. Multi-disciplinary courses are emphasized; a handbook outlines class exercises involving such subjects as mathematics, art, and English, as well as geology, biology, and so forth.

The area is hilly, with thin soil from glacial drift deposits, and plantations of Norways. A stream flows through the property and there are numerous swamps, potholes, and ponds.

The site capacity is 125; it is open to students and teachers only. No camping or picnicking is permitted.

Contact: Rod Frye
Belwin Outdoor Laboratory
Afton, Minn.
(612) 436-5243

or Kent Hinshaw
511 Collins
St. Paul, Minn.
(612) 223-4188

Grey Cloud Island is a birdwatcher's paradise. One mile of trails has been cleared for nature students.

GREY CLOUD ISLAND

Open all year, daytime / 18 acres / private

Location: In the Mississippi River, 18 miles south of Downtown St. Paul. From St. Paul Park go to Broadway then to Third St., to Island drive, to just this side of Camp Galilee.

Birds love this area, and birdwatchers are invited to visit it. There are over one thousand conifers, including white, red, scotch, and jack pine; white and red oak, hickory, white ash, black ash, basswood (the second largest basswood in the state grows here), spruce, black walnut, and ironwood; also apple, pear, and plum trees. Squirrels, woodchuck, rabbits, fox, and an occasional deer live here. The owner has cleared about one mile of paths through the woods to facilitate bird watching and tree identification. Open to students, researchers, and bird lovers by appointment only; there are no facilities for camping or picnicking.

Contact: William C. La Chapelle
712 Cherokee Avenue
St. Paul, Minn. 55107
(612) 225-1675

LEE AND ROSE WARNER NATURE CENTER

Open all year, daytime / 300 acres / private

Location: About 30 miles northeast of St. Paul; proceed north on I-35E and exit on County Road 14; go east to Hugo, then two miles north on U.S. Hwy. 61 to County Road 4, then east seven and one-half miles to County Road 55, then south one and one-half miles.

The Nature Center, operated by the Science Museum of Minnesota, is located a few miles west of the St. Croix River Valley in a two square mile block of upland hardwood forest — mostly oak, aspen, birch, red maple and scattered black cherry. Occurring naturally within a small sphagnum bog are sundews, pitcher plants, cranberries, and orchids. Wild animals include white-tailed deer, red fox, and beaver. The Trailside Museum, staffed by two naturalists, offers half-day classes to school children, third grade through junior high; during the summer there are week-long classes as well. The center is open to the public and to groups on specific Saturdays and Sundays. The Amherst H. Wilder Day Camp adjoins the Center. Camp Wilder, operated by the Amherst H. Wilder Foundation in St. Paul, is open to social, recreational, and religious groups by reservation (no individual camping). There is no camping at the Warner Nature Center.

Contact: Warner Nature Center
Science Museum of Minnesota
Bernard A. Fashingbauer
30 E. Tenth St.
St. Paul, Minn. 55101
(612) 222-6303

and Wilder Foundation
Wilder Building
St. Paul, Minn.
(612) 222-0311

WILLIAM O'BRIEN STATE PARK

Open all year / 530 acres / public

Location: Sixteen miles north of Stillwater.

This park site was owned by a pioneer lumberman and donated by his daughter for use as a state park. The park has beautiful wooded rolling countryside with about one mile frontage on the St. Croix River, in an area reminiscent of the early logging days. The park includes a 67-acre island directly across from the picnic ground. The island, known as "Greenberg Island," was donated by St. Paul businessman S. William Greenberg in honor of his parents.

The park has one of the largest campgrounds in state parks and a pioneer group camp. It also has picnic grounds, a swimming beach, fishing areas, boat rentals, and a short foot trail. A naturalist conducts education sessions.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

WATONWAN COUNTY

EAGLES NEST PARK

Open all year / 80 acres / public

Location: Northeast quarter of northeast quarter of Section 14, T 106, R 31; and northwest quarter of northwest quarter of Section 13, T 106, R 31; Rosendale Township in the middle of the county.

Eagles Nest Park is located on the shores of the south branch of the Watonwan River. Part of the acreage is abandoned farm land; the rest is forest and grassland. The county plans to develop the park, although no facilities have yet been constructed.

Contact: County Auditor
Watonwan County Courthouse
St. James, Minn. 56081

State Wildlife Management Areas

Unit Name	*Nearest Town*
Bergdahl	Madelia
Case	Lewisville
Lewisville	Lewisville
Madelia	Lewisville
Mulligan	St. James
Rosendale	St. James
Tierney	Madelia
Turtle	St. James
Voss	St. James
Wilson	Madelia
Wood Lake	Comfrey

WILKIN COUNTY

BRECKENRIDGE SCHOOL SITE

Open all year, daytime / 1.2 acres / school site

Location: On the north edge of the new senior high in Breckenridge.

This school site presently is mowed grassland, but it will be developed into a more diversified outdoor education lab. Plans call for planting of trees, shrubs, and different grasses; collection of soil profiles; and construction of a small pond or marsh. When it is complete, it will be used by high school biology classes and grade school classes.

Contact: Glenn Chambers
County Agriculture Agent
Wilkin County Courthouse
Breckenridge, Minn. 56520

WATERFOWL PRODUCTION AREAS

Open all year, daytime / 993 acres / federal land

Location: Headquarters in Fergus Falls.

From the office in Fergus Falls, six Federal Wetland units, ranging in size from 14 acres to 400, are administered in Wilkin County. All units have characteristic prairie pothole terrain — marshy, low-lying wetlands bordered by upland areas with grassy vegetation. The units are managed so as to produce and protect waterfowl.

None have sites specifically designed for environmental education, but several can serve this purpose well. Interested groups, particularly school children, are invited to contact the headquarters office to arrange visits; guides can be provided, but they cannot serve as instructors.

No camping or picnicking. Most sites open to hunting.

Contact: Wetland Management District Office
Fergus Falls, Minn.
(218) 736-3681

State Wildlife Management Areas

Unit Name	*Nearest Town*
Akron	Rothsay
Atherton	Rothsay
Manston	Rothsay
Rothsay	Rothsay

WINONA COUNTY

FARMERS COMMUNITY PARK

Open May 1 to Oct. 1, daytime / 20 acres / public

Location: Two miles east of Lewiston on U.S. Hwy. 14.

The Farmers Community Park is a county park with facilities for daytime activities — three buildings, four picnic shelters, a ball diamond, and playground area. The tract has beautifully wooded hills on each side and a trout stream flowing the full length of the park; several bridges over the stream provide ready access to all areas of the park. Locally, businesses, churches, and family groups reserve the buildings for weekend picnics; no camping is allowed.

Contact: Winona County Extension Service
(507) 454-5101

JOHN A. LATSCH STATE PARK

Open all year / 390 acres / state land

Location: Fourteen miles northwest of Winona.

The park stretches along the shores of the Mississippi for two miles and includes the famous chimney rock and four limestone bluffs rising 450 feet above the water called Point Faith, Point Hope, Point Charity, and Point Lookout. A trading post probably existed in the chimney rock area, according to artifacts found there. The hardwood forest contained within the park used to provide steam-powered river boats with fuel.

The park has a primitive campground, a picnic area, and two miles of foot trails.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn. 55155

QUEEN'S BLUFF; JEAN LUNDBERG TEETER MEMORIAL

Open all year, daytime / 40 acres / private

Location: South from Winona on U.S. Hwy. 61 for about 13 miles; at one mile south of Richmond, bluff is on left; approach on dirt road to north and west of bluff.

Queen's Bluff, earlier called Gwinn's Bluff, is a spectacular geologic feature of southeastern Minnesota. As viewed from the north it looks like a half-dome, having a vertical cliff on the east cut by the glacial Mississippi, and a steeply sloping grassland on the west. The upper part of the bluff is dolomite, the lower part sandstone. A fine hardwood forest, with scattered white pines, occupies the talus slope between highway and cliff base. Several plants typical of more northerly regions occur here, the most remarkable of which is the northern white cedar, 160 miles south of their nearest relatives. The northern part of the bluff is state-owned. Students and researchers are welcome to visit; use care in climbing and descending so as not to start erosion trails. The Nature Conservancy, which owns the land, requires visitors to avoid disturbing the natural condition of the site. Specific regulations are at its office.

Contact: Minnesota Chapter
The Nature Conservancy
329 W. 15th St.
Minneapolis, Minn. 55403
(612) 332-3744

WHITEWATER STATE PARK

Open all year / 960 acres / state land

Location: Nine miles north of St. Charles.

Flowing through the park is the Whitewater River, normally a small trout stream, but a raging current during the spring thaw and after each heavy rain. Indians, who were impressed by the surging white water, gave the river and park its name. The park includes a deep ravine with limestone formations and the high hills of southeastern Minnesota. Foot trails lead through the hardwood forest to lookout points where one can see much of the valley.

Facilities include campgrounds, pioneer group camp, picnic areas, children's group camp, a swimming beach, a fishing stream, and 15 miles of foot trails. A naturalist conducts education sessions in summer.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

WHITEWATER STATE PARK GROUP CAMP

Open summer / 995 acres / private

Location: Seven miles north of St. Charles on Minn. Hwy. 72.

Winona State College operates a conservation workshop for 60 students within Whitewater State Park each summer. Students (usually elementary and secondary teachers) visit areas within the State Park, tour nearby farms, and attend lectures and workshops on flora and fauna, soil conservation, pollution, and so forth. The camp is on the Whitewater River. Facilities include seven cabins, a dining hall, and a central washroom.

Contact: J. P. Emanuel
State College
Winona, Minn. 55987
(507) 457-2080

WRIGHT COUNTY

ALBRIGHT MILLS PARK

Open all year / 39 acres /public

Location: Middleville Township; on County Road 5, three miles north of U.S. Hwy. 12, on banks of Crow River.

This county park is the site of a former mill and store. The park is located on the north fork of the Crow River. Facilities include a picnic and play area, toilets, and all-night lighting. The county plans to add an additional 80 acres of land to the park soon. Camping is permitted.

Contact: Marcus Zum Brunnen
Clearwater, Minn. 55320
(612) 878-2237

CAMP COURAGE

Open all year / 270 acres / private

Location: From Maple Lake, go west one-half mile on Minn. Hwy. 55, then north on County Rd. 7 for three miles to gate and sign.

This camp, owned by the Minnesota Society for Crippled Children and Adults, is operated to give crippled children a taste of nature. The camp includes shoreline on Cedar Lake and on Mink Lake, extensive natural areas of forest (maple, oak, basswood), and facilities for 250 campers — cabins, dining halls, classrooms, and so forth. There are two nature trails, paved with asphalt for the convenience of persons in wheelchairs, which wind past wildflower and cultivated flower gardens. There is a barnyard zoo in summer with horses, cows, sheep, goats, pigs, and chickens. During the summer camping season some animals are also borrowed from Como Zoo in St. Paul for another little zoo. There are three duck ponds with islands and a natural habitat pond, observable at a distance, with Canadian Geese. And there is a natural history museum with a large collection of butterflies.

Summer campers aged 8 to 80 enjoy a wide variety of environmental education programs tailored to their ages and their abilities. These naturalists are not available during the winter, however, when the camp is often rented by other groups.

Contact: Jim Olson
Minnesota Society for Crippled Children and Adults
2004 Lyndale Ave. S.
Minneapolis, Minn.
(612) 377-6490

CAMP GREENWOOD

Open all year / 57 acres / scout camp

Location: From Twin Cities, take Minn. Hwy. 55 northwest to Rockford, turn into business district and go to Elm St., take Elm (which becomes County Road 18) five and one-half miles, then turn right at camp sign.

Camp Greenwood is located on Lake Charlotte and Lake Moore. About 15 acres of the camp is wooded and the balance is rolling, grassy plain. Rows of pine trees planted years ago form an entrance to the camp. Girl Scouts are trying to restore the land and preserve the natural resources with a variety of environmental projects. There are cooking, sleeping, and sanitary facilities, plus one tenting area, for 200. Scouts use the camp during the summer, but it is open to other groups on a rental basis. As with other scout camps, the rent sometimes may be waived if the camp will be used for educational purposes.

Contact: Greater Minneapolis Girl Scout Council
200 Gorham Building
7th Street & 2nd Avenue North
Minneapolis, Minn. 55403
(612) 338-0721

CARL A. JOHNSON PARK

Open all year / 41 acres / public

Location: French Lake Township; on Crow River, one mile north of County Road 35 on County Road 3.

This county park is chiefly a wildlife area, kept in its natural state. Facilities include a gravel road, a parking lot, and a small picnic area at the entrance. No camping is allowed. The county plans to acquire an additional 80 acres of land along the north fork of the Crow River to add to this park.

Contact: Marcus Zum Brunnen
Clearwater, Minn. 55320
(612) 878-2237

COLLINWOOD AREA

Open all year / 168 acres / public

Location: Stockholm Township; from Cokato, go two miles south on County Road 3, then two miles west on County Road 30.

This county park is located on the east side of Collinwood Lake and contains more than one mile of shoreline. The county may purchase an additional 200 acres adjacent to the park; this new tract includes a meandering lake with many cattails along the shore. The two areas together would provide a nature study area and a recreational area. Since the park is in the planning-and-acquisition stage, visitors should call or write well in advance to see if the park is open.

Contact: Marcus Zum Brunnen
Clearwater, Minn. 55320
(612) 878-2237

HARRY LARSON MEMORIAL PARK

Open all year / 170 acres / public

Location: On County Road 111 one mile south of the junction of the county road and Minn. Hwy. 152.

This county park is chiefly a wildlife area. The land is thickly forested and wildflowers abound; many small mammals can be observed. Trails and parking areas have been provided.

Contact: Marcus Zum Brunnen
Clearwater, Minn. 55320
(612) 878-2237

LAKE MARIA STATE PARK

Open all year, daytime / 1,990 acres / state land

Location: From Monticello, take County Rd. 39 west six miles, then County Rd. 11 north to park.

Lake Maria State Park is midway between the Twin Cities and St. Cloud. The area is almost entirely wooded, with deciduous trees — white oak, elm, basswood, aspen, ironwood, and silver maple — and one coniferous tree, cedar. Large rolling hills, along with two small lakes and a few ponds and marshes, make up the landscape. Wildlife species include shrews, woodchucks, gophers, squirrels, beaver, raccoon, red fox, skunk, and white tail deer. The park has long self-guided hiking trails, snowmobile and saddle trails, picnic sites, and rental canoes. Organized groups such as scouts may camp at a site by prearrangement; there are no public campsite.

Contact: Division of Parks and Recreation
Centennial Building
St. Paul, Minn 55155

MAPLE LAKE SCHOOL AND FFA AREA

Open all year, daytime / 20 acres / school site

Location: In Maple Lake, northeast of the new high school and along Minn. Hwy. 55.

This tract includes 15 acres of rolling hilly land with a water pond lined with marsh grasses and five acres of cornplots, planted by the Future Farmers of America, in the northwest corner of the site. Students in the adjacent high school use the area for environmental education as a part of the vocational-agricultural program. The area is not open to picnicking or camping.

Contact: Leo Ardolf
(612) 963-3021

STANLEY EDDY MEMORIAL PARK — WILDLIFE PARK

Open all year / 156 acres / public

Location: French Lake Township; near Lake Francis, one mile east of County Road 2.

This county park is a large natural park for primitive camping and nature study. The area is heavily wooded. The county plans to add another 400 acres to the park soon. Picnicking and camping are permitted, but there are, as yet, no facilities.

Contact: Marcus Zum Brunnen
Clearwater, Minn. 55320
(612) 878-2237

State Wildlife Management Areas

Unit Name	*Nearest Town*
Albion	Annandale
Corinna	Maple Lake
Hoglund	Clearwater
Kelley-Meyer	Monticello
Malardi	Montrose
Maple	Maple Lake
Otsego	Dayton
Suconnix	Clearwater
Swartout	Maple Lake
Woodland	Montrose

YELLOW MEDICINE COUNTY

TIMM COUNTY PARK

Open warm months / 9 acres / public

Location: From Marshall, go north on Minn. Hwy. 23 to Hanley Falls, then east on County Road 18 to Minn. Hwy. 274, then north on #274 to where County Rd. 18 resumes, then east on 18 to park road. Park is on north shore of Wood Lake.

This small county park was created to insure public access to one of the few lakes in the county. The rural area surrounding the park is heavily populated by small farmsteads; the soil is of high quality. This park has maintained its natural beauty; the topography is rolling, and it is heavily laden with hardwood and softwood trees. Picnicking, swimming, boating, and camping are permitted; there are sanitary facilities.

Contact: Yellow Medicine County Auditor
Granite Falls, Minn. 56241
(612) 564-3132

UPPER SIOUX AGENCY STATE PARK

Open all year / 760 acres / state land

Location: Four miles southeast of Granite Falls.

The Upper Sioux Agency, on the banks of the Yellow Medicine River, was the headquarters for the administration of Indian affairs for the Sisseton and Wahpeton bands of the Sioux. The Indians were living on a remnant of their once-vast lands — about 10 by 60 miles — having sold the rest to the United States at the treaty of Traverse des Sioux in 1851.

Here their annuities were to be paid each year, trade carried on, and the Indians were to be converted from nomads to farmers. Construction of the agency buildings was begun in 1854. Each year more and more buildings were constructed and more and more Indians were converted to the white man's way of life.

When rumors of the Sioux Uprising of 1862 reached the area, Indians here warned the whites of the danger. After the whites had deserted the agency, it was sacked and burnt by followers of Little Crow.

Excavations by the Minnesota Historical Society have established the locations of several buildings. Ruins were stabilized, the site cleaned, markers added, and one building rebuilt.

The park includes a pioneer group camp for scouts, picnic areas, a fishing stream, and foot, saddle, and snowmobile trails. Park is located on the Minnesota River canoe route.

Contact: Division of Parks and Recreation
Centennial Office Building
St. Paul, Minn. 55155

or Ralph K. Shaver, Minn. Historical Society
115 West 4th St.
Redwood Falls, Minn. 56283
(507) 697-6321

State Wildlife Management Areas

Unit Name	*Nearest Town*
Big Rock	St. Leo
Bohemian	Canby
Christopherson	Clarkfield
Clawson	Clarkfield
Flinks	Clarkfield
Lanners	St. Leo
Lisbon	Montevideo
Lower Antelope Valley	Porter
Miller-Richter	St. Leo
Myhre	Clarkfield
Omro	St. Leo
Oshkosh	Canby
Penthole	Canby
Posen	Wood Lake
St. Leo	St. Leo
Sioux Nation	Canby
Stokke	Clarkfield
Stony Run	Clarkfield
Timm's	Wood Lake
Tyro	Clarkfield

LAKE SUPERIOR

ISLE ROYALE NATIONAL PARK

Open warm months / 133,000 acres / federal land

Location: In Lake Superior, 22 miles from Grand Portage or 155 miles northeast of Duluth.

Isle Royale is a wilderness archipelago in Lake Superior accessible only by boat or floatplane. Long before Europeans saw the island, Indians mined copper — as long ago as 4,500 years. Copper prospectors in the 1840s burnt large acreages of forest to clear space for mining settlements; ruins of these activities are still in evidence. Mining ended in 1899, and the park was created in 1940.

Evergreens and hardwoods meet on Isle Royale and form an outstanding example of forest transition. Despite the short growing season, there are several hundred species of wildflowers. Common mammals include the beaver, red fox, snowshoe hare, and moose.

The island's billion-year-old rocks are basalt lava flows layered with river-deposited sandstone and conglomerate. Numerous glaciers have carved out long ridges and more than 30 inland lakes.

Rangers conduct nature walks and evening slide programs. There are numerous campgrounds, boat tours and rentals, 120 miles of foot trails, and several resorts. Transportation is available from Copper Harbor, Mich., Houghton, Mich., and Grand Portage, Minn.

Contact: National Park Service
Isle Royale Park
87 North Ripley St.
Houghton, Mich. 49931

GLOSSARY

ALLUVIAL — referring to the sand, clay, silt, small stones, and so forth deposited by flowing water when it loses its velocity.

ARBORETUM — a place where many kinds of trees and shrubs are grown for exhibition or study.

ARTIFACT — any object made by a person; usually used to refer to objects from previous cultures.

BOG — wet, spongy ground; a small marsh or swamp.

CLIMAX — the final stage in succession; in reference to a lake or pond, the final stage would be dry land; in reference to a forest, the final stage would be tall, mature trees.

COMMUNITY — biotic communities are assemblages of populations living in a prescribed area or physical habitat; abiotic communities are the inorganic and organic compounds of the environment.

CONIFEROUS — referring to evergreens such as pine, spruce, fir, and cedar.

COVER FOR WILDLIFE — hiding and feeding places for wildlife such as tall grasses, bushes, thickets, and so forth.

DECIDUOUS — referring to trees that shed their leaves annually such as maple, oak, elm, birch, and so forth.

ECOLOGY — the study of the relations between living things and their environment.

ECOSYSTEM — a shorthand expression of "ecological system." An ecosystem is any area, large or small, that includes living and nonliving communities interacting to produce an exchange of materials between the parts. A lake is an example of an ecosystem.

FLOOD PLAIN — a level area along a river or stream formed from soil deposited by floods.

HABITAT — the region where a plant or animal naturally grows and lives; its environment.

HARDWOOD — tough, heavy timber from a deciduous tree.

INDIAN MOUND — prehistoric tribes constructed large burial mounds for their dead; usually tools, ornaments, and weapons were included. Some are believed to date from 1000 B.C. The Grand Mound in Koochiching County is the largest prehistoric burial mound in the Upper Mississippi Valley; it measures 325 feet in circumference and 46 feet in height, and was constructed between 500 B.C. and 1000 A.D.

LAKE AGASSIZ — as the last glaciers retreated, they left several large, shallow lakes which were dammed up by the glacier and which drained away after the glaciers withdrew. Lake Agassiz was the largest: it was 700 miles long, 250 miles wide, and stretched through the Red River Valley, central Minnesota, North Dakota, Manitoba, and part-way into Saskatchewan. It was larger than the present Great Lakes, though shallower. Most of the water eventually drained into Hudson's Bay; part formed the Red Lakes, Lake of the Woods, and Lake Winnipeg.

LAKE DULUTH — a smaller glacial lake in the vicinity of present-day Duluth which extended into the basin of Lake Superior.

MEANDER — a winding course taken by rivers and streams as they grow older and lose their velocity.

MORAINE — a glacial deposit of mud, sand, and gravel (called till) left by a melting glacier. Such a deposit may form an extensive ridge which marks the furthest point of a glacier (terminal moraine); it may be spread out thinly over the land (ground moraine); it may be a pile of debris riding in or on the middle part of a valley glacier (medial moraine); or it may have been left along the side of a valley glacier (lateral moraine).

OXBOW — a crescent-shaped bend in a river. Sometimes a meandering river will create an oxbow and then gradually cut it off as silt accumulates in the bend; the oxbow finally becomes a separate pond or lake.

PEAT — partly-decayed, moisture-absorbing plant matter. Plants around the edges of a lake die and gradually produce swampy shores; eventually the lake acquires concentric rings of peat and becomes a swamp or bog. Peat is also the first stage in the transformation of vegetation into coal.

PETROGLYPH — a rock carving or drawing made by prehistoric Indians for unknown purposes.

POTHOLE — a hole or pit. A prairie pothole is a small, wet area in which waterfowl nest. Another kind of pothole is one formed in the rock of a river bed by gravel swirling in water.

PRAIRIE — a large area of level or slightly rolling grassland. Virgin prairie has distinctive flowers and grasses which, once grazed or plowed, do not recur.

SLOUGH — a swamp or marsh that is part of an inlet or backwater; usually it is filled with soft, deep mud.

SOFTWOOD — timber from coniferous trees.

SPECIES — a single, distinct kind of organism with distinguishing characteristics.

STRATA — layers of rock from different periods of time; a single layer represents the deposits of a single geological time.

SUCCESSION — the orderly process of community change. Communities gradually replace one another in an area; a plowed field will revert to grassland in 20 to 40 years: first come the annual weeds, then short-lived grasses, then early perennial grasses, and then (the final stage) climax grasses. Succession in a lake reveals the following stages: lake, pond, swamp, bog, dry land.

TALUS — a slope of broken rock fragments at the base of a cliff.

TERRACE — a level plain, usually narrow, with steep front bordering a river, lake, or sea; several terraces produce a step-like appearance.

WATERSHED — a region bounded by a water parting and draining ultimately to a particular watercourse or body of water. Watersheds are commonly named by their main river or lake they encompass.

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